

Program EVALPLOT
(Version 2021-1)

by

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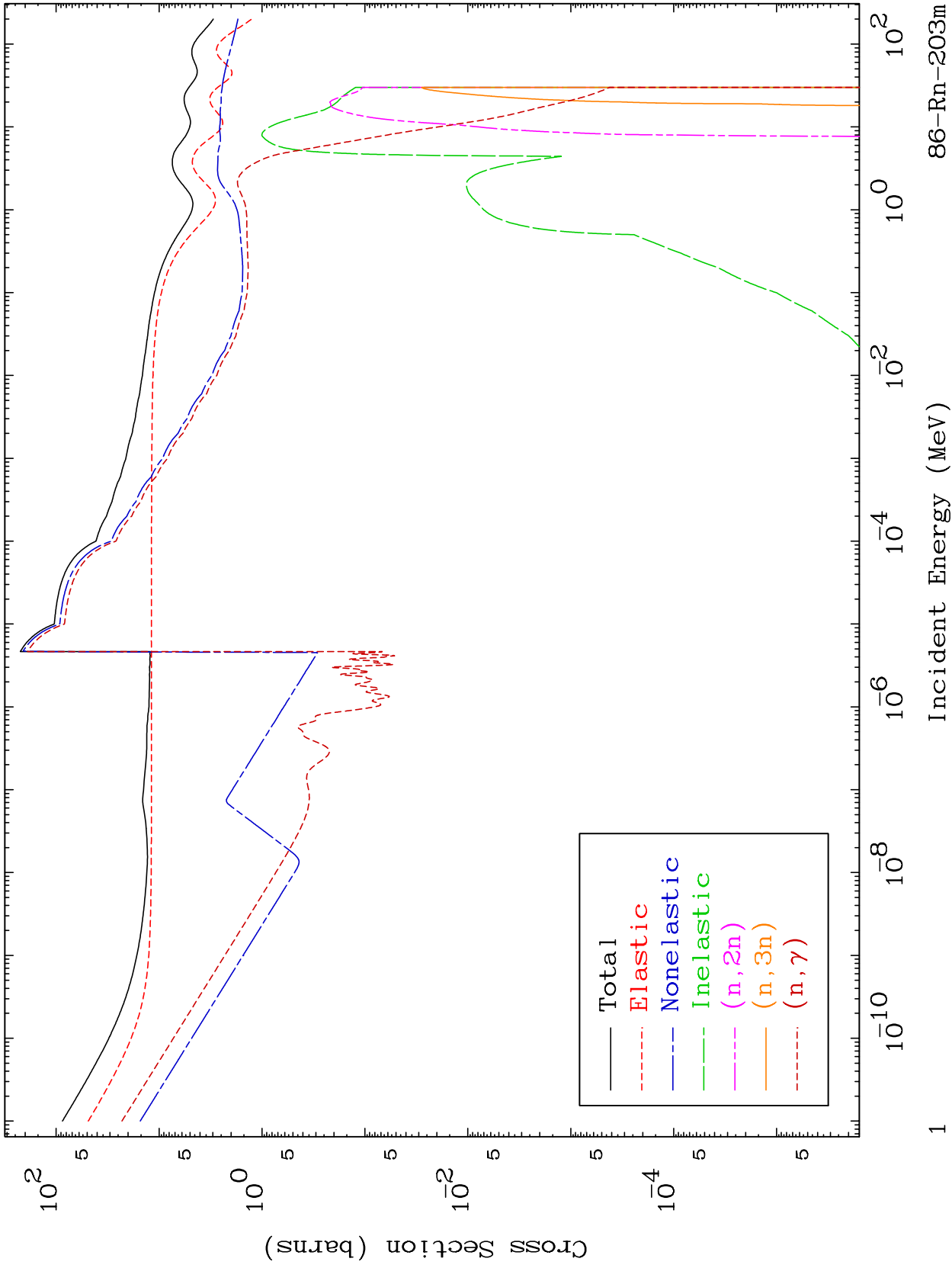
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8602

Neutron Major
293 Kelvin Cross Sections

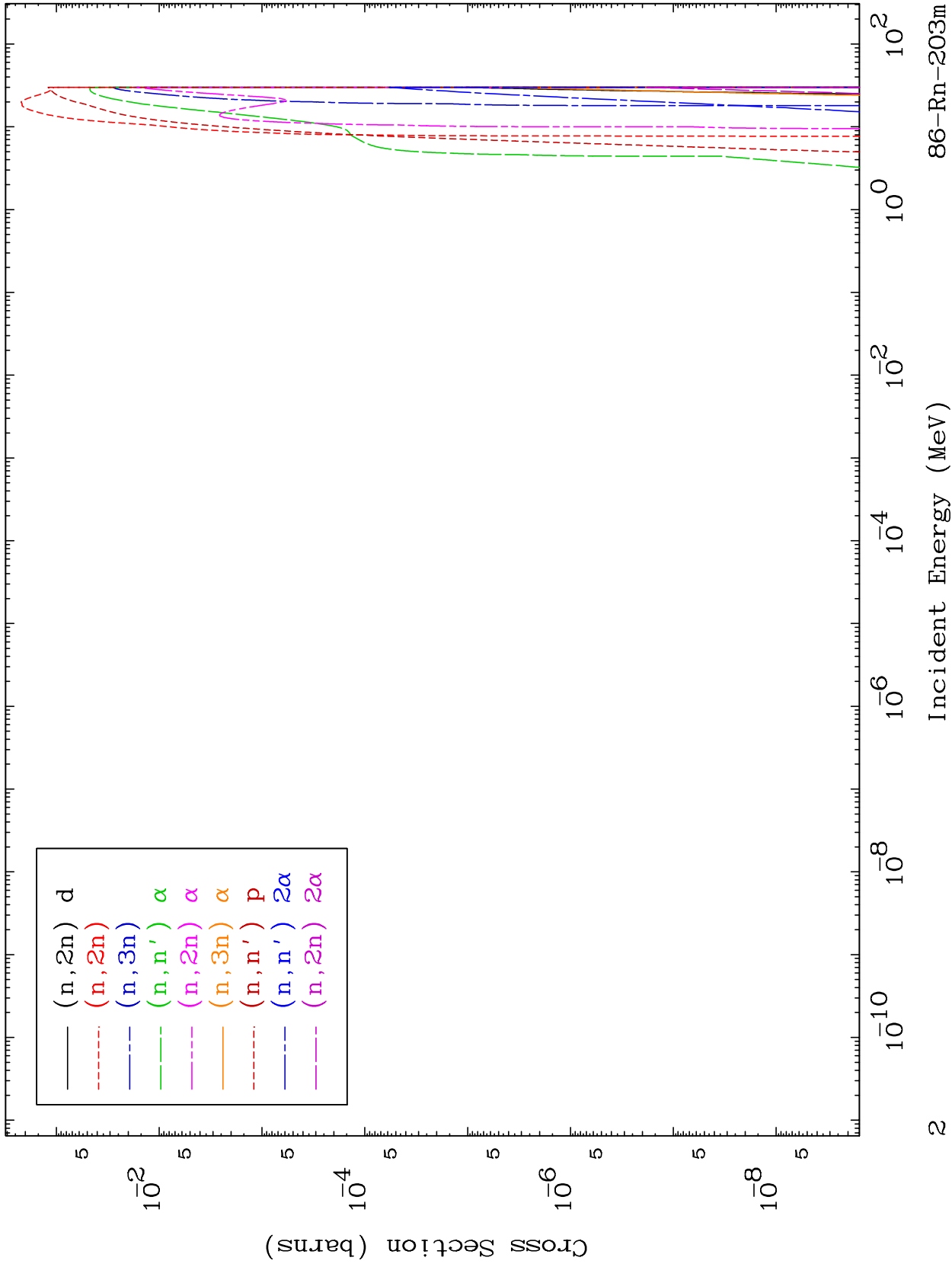
86-Rn-203m



MAT 8602

Neutron Absorption
293 Kelvin Cross Sections

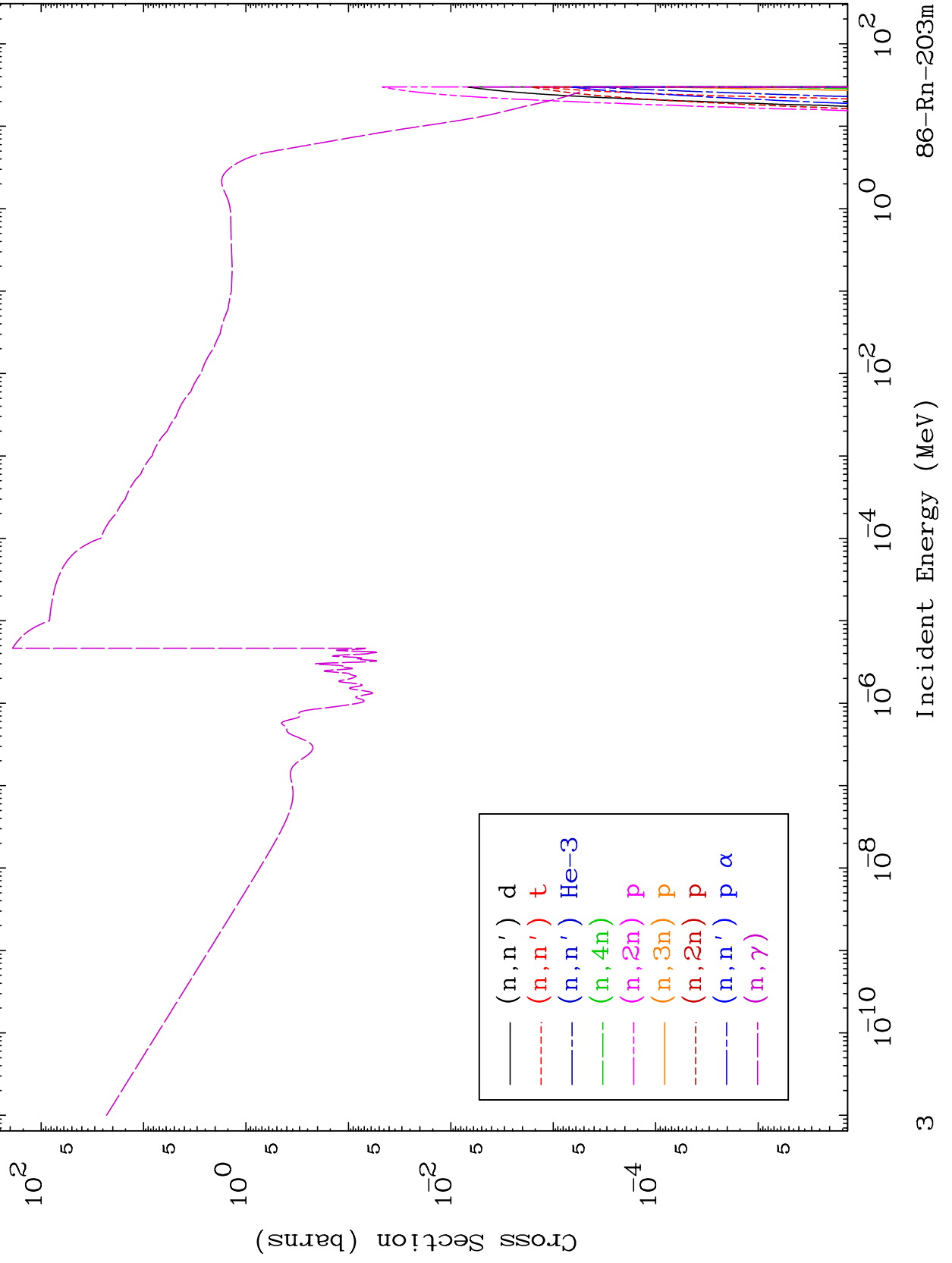
86-Rn-203m



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Neutron Absorption
293 Kelvin Cross Sections

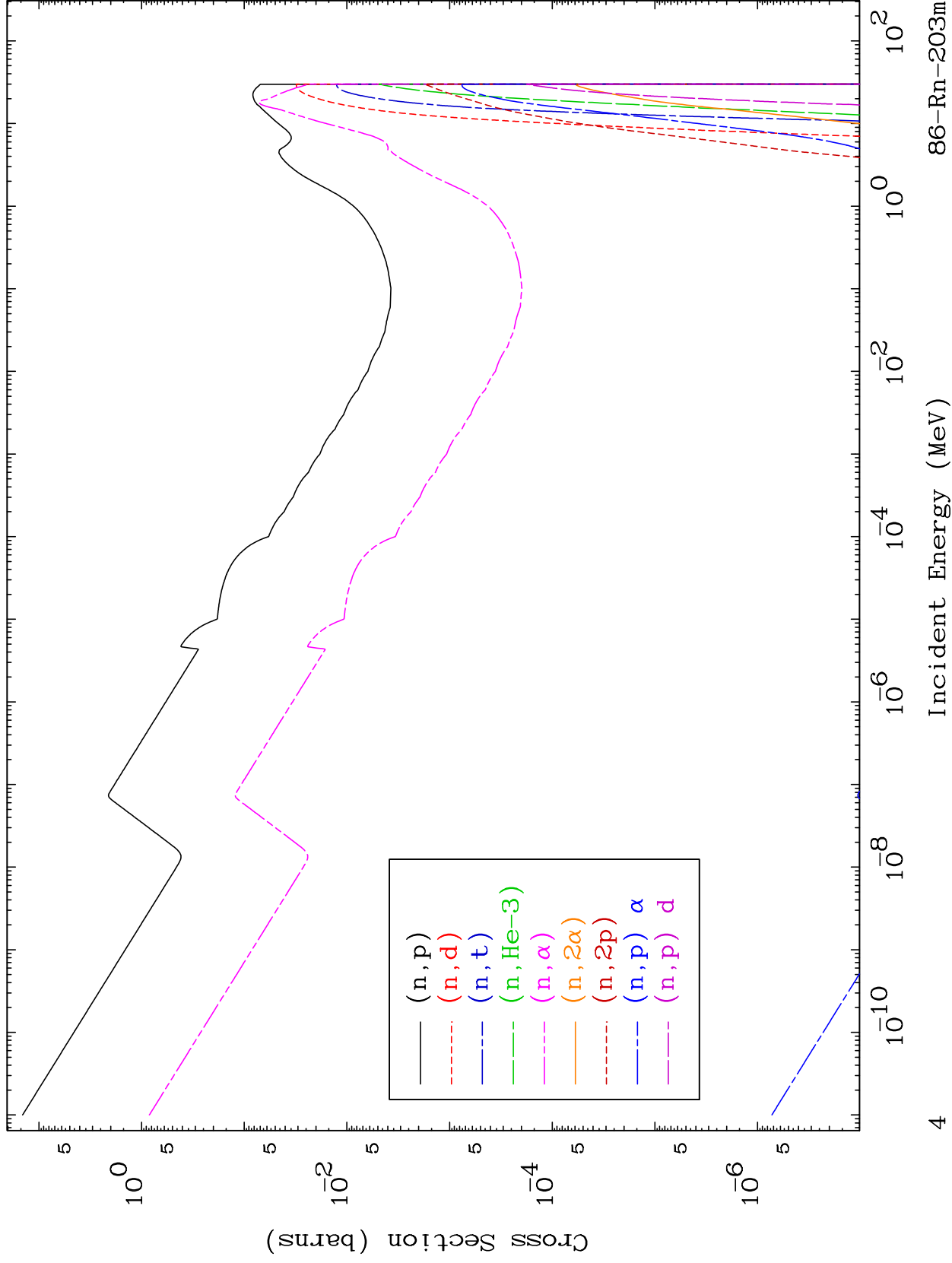
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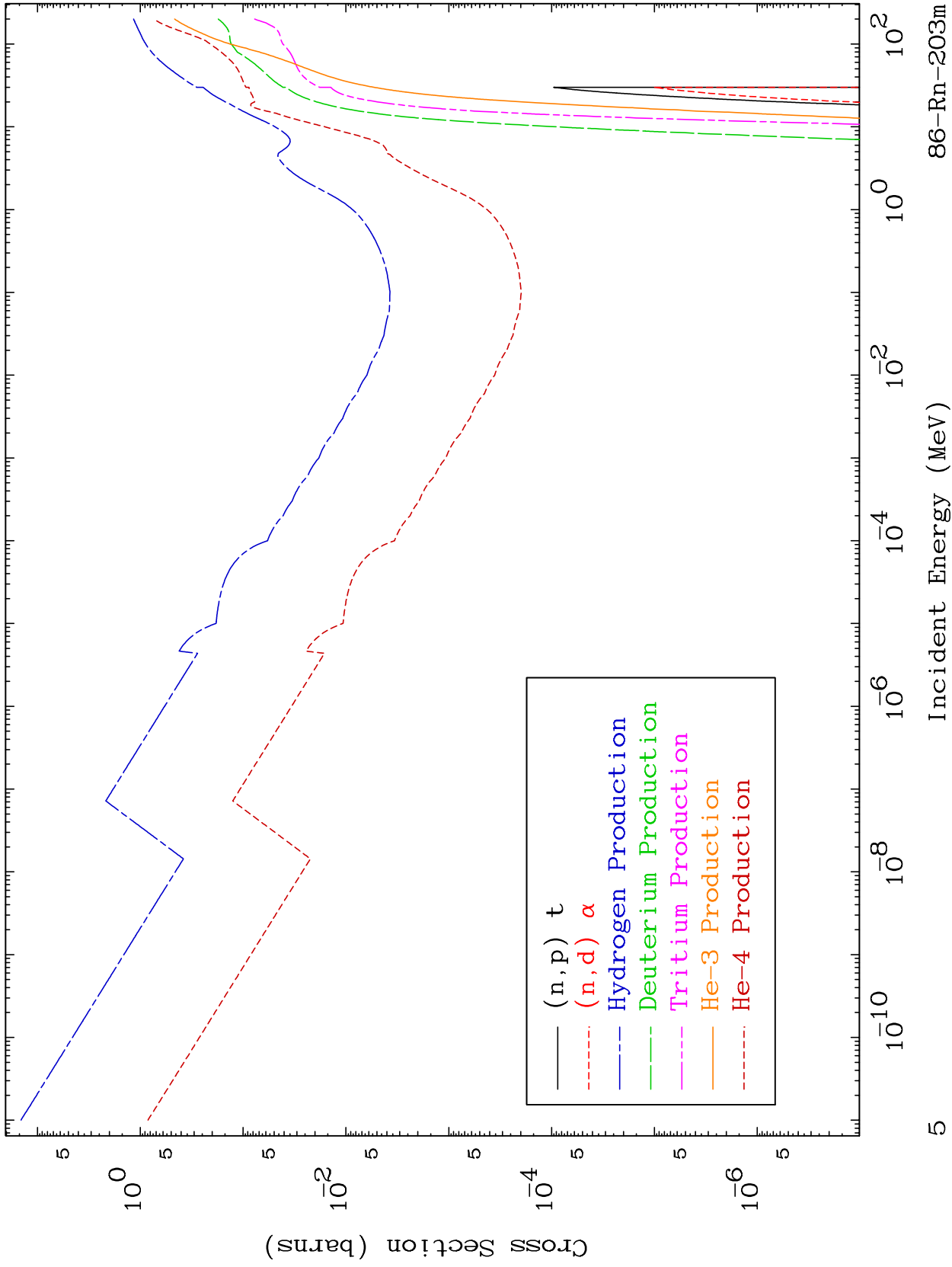


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Neutron Absorption
293 Kelvin Cross Sections

86-Rn-203m

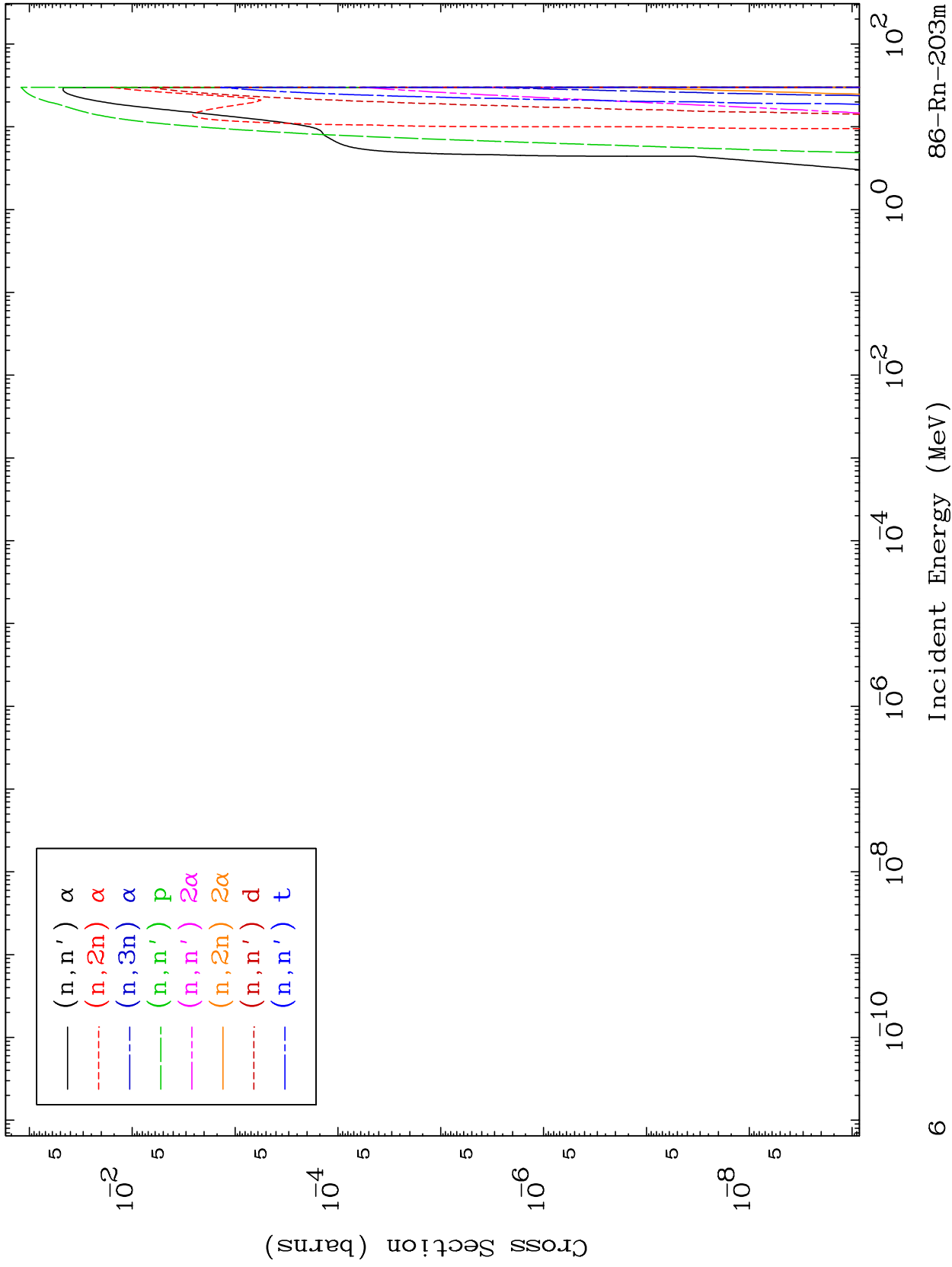




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Charged Particle
293 Kelvin Cross Sections

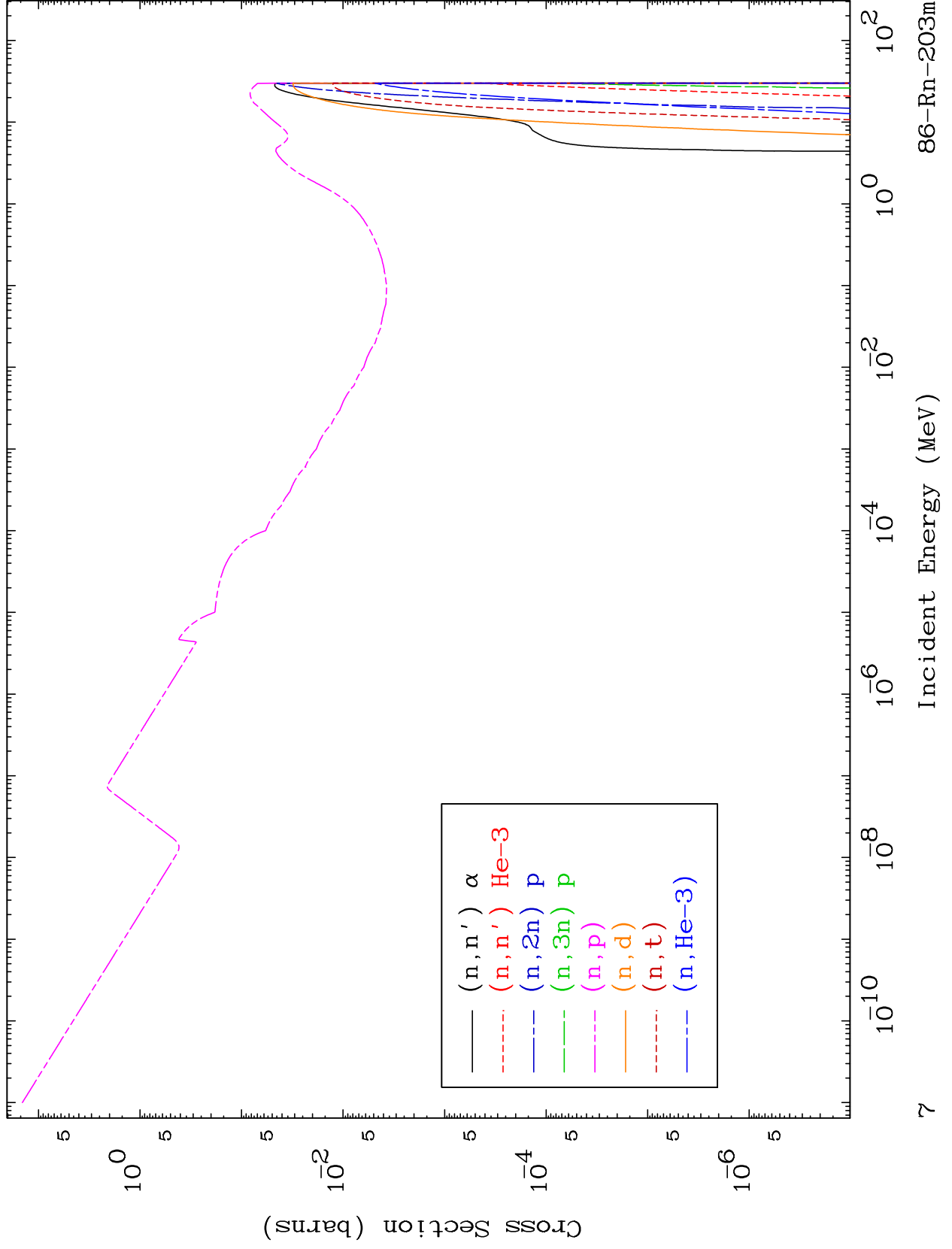
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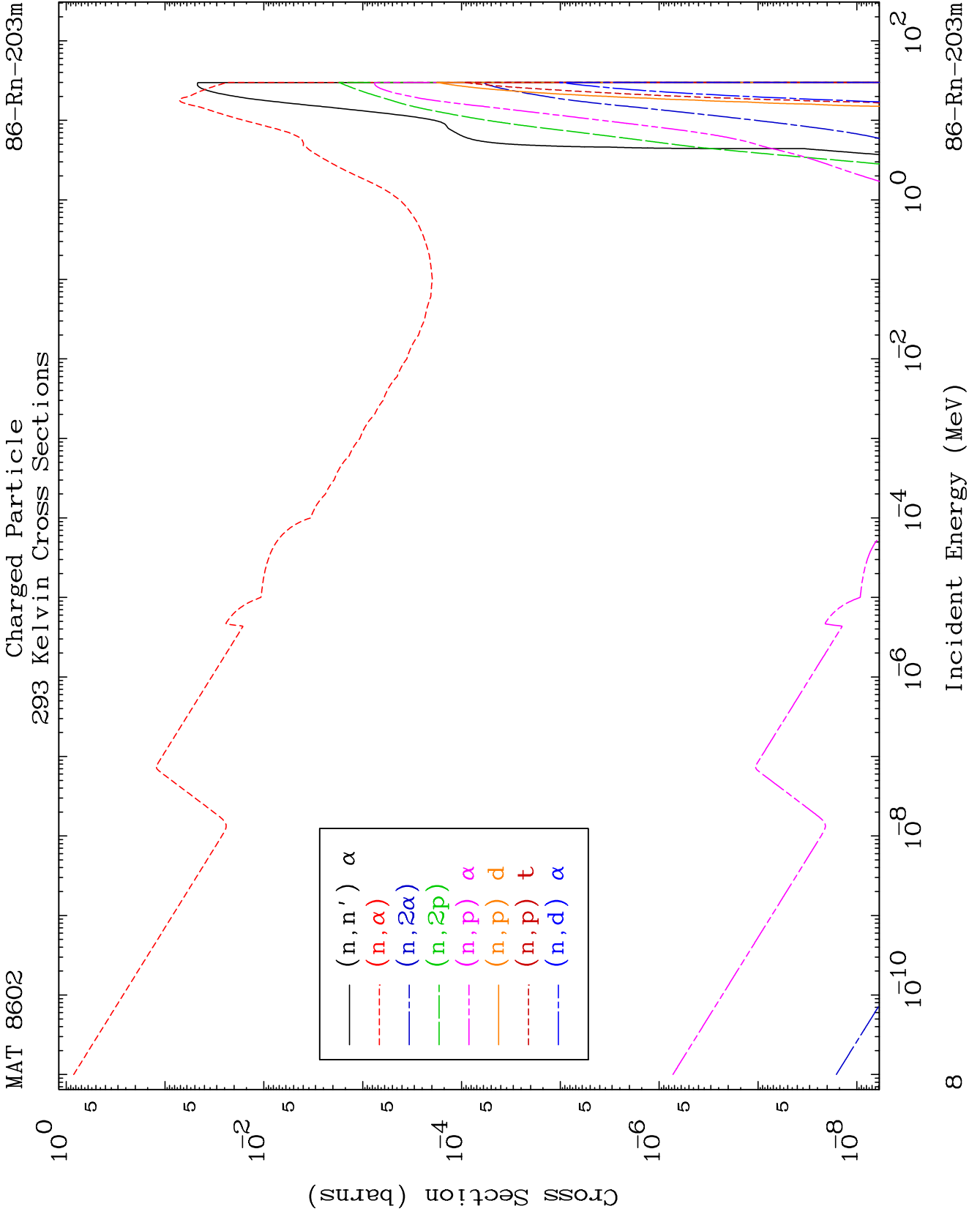


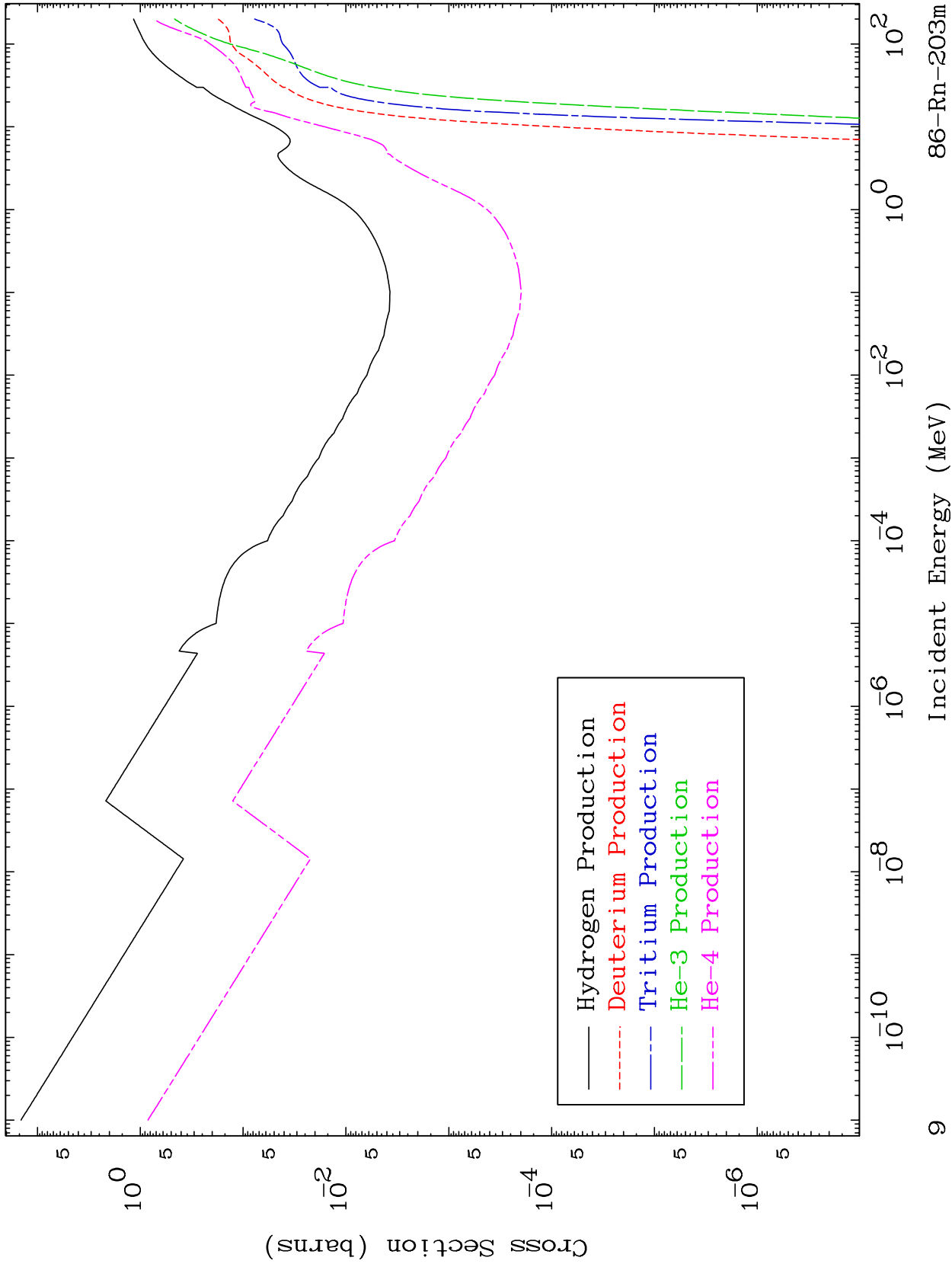
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Charged Particle
293 Kelvin Cross Sections

86-Rn-203m



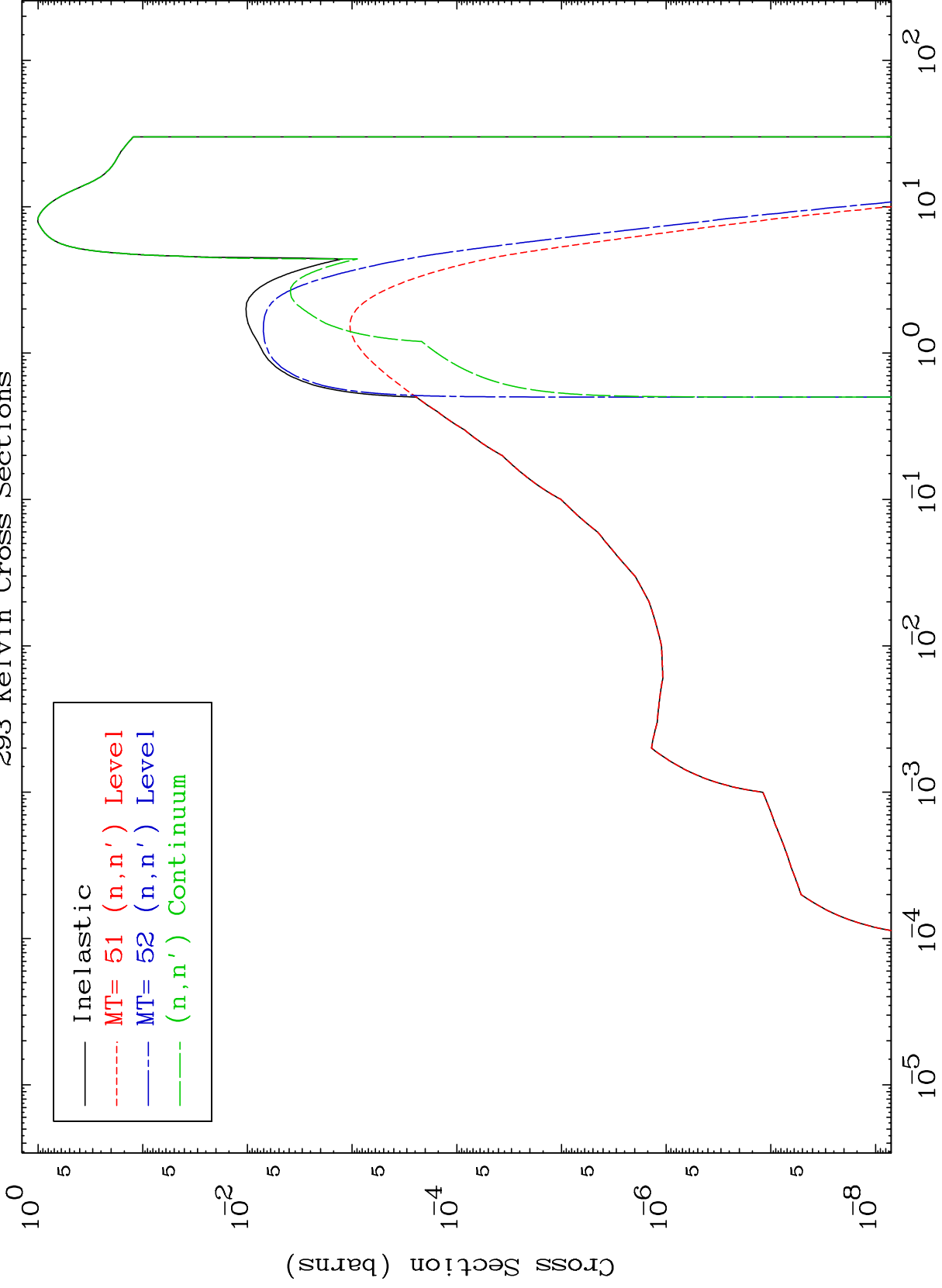




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(n,n') Levels
293 Kelvin Cross Sections

86-Rn-203m



10

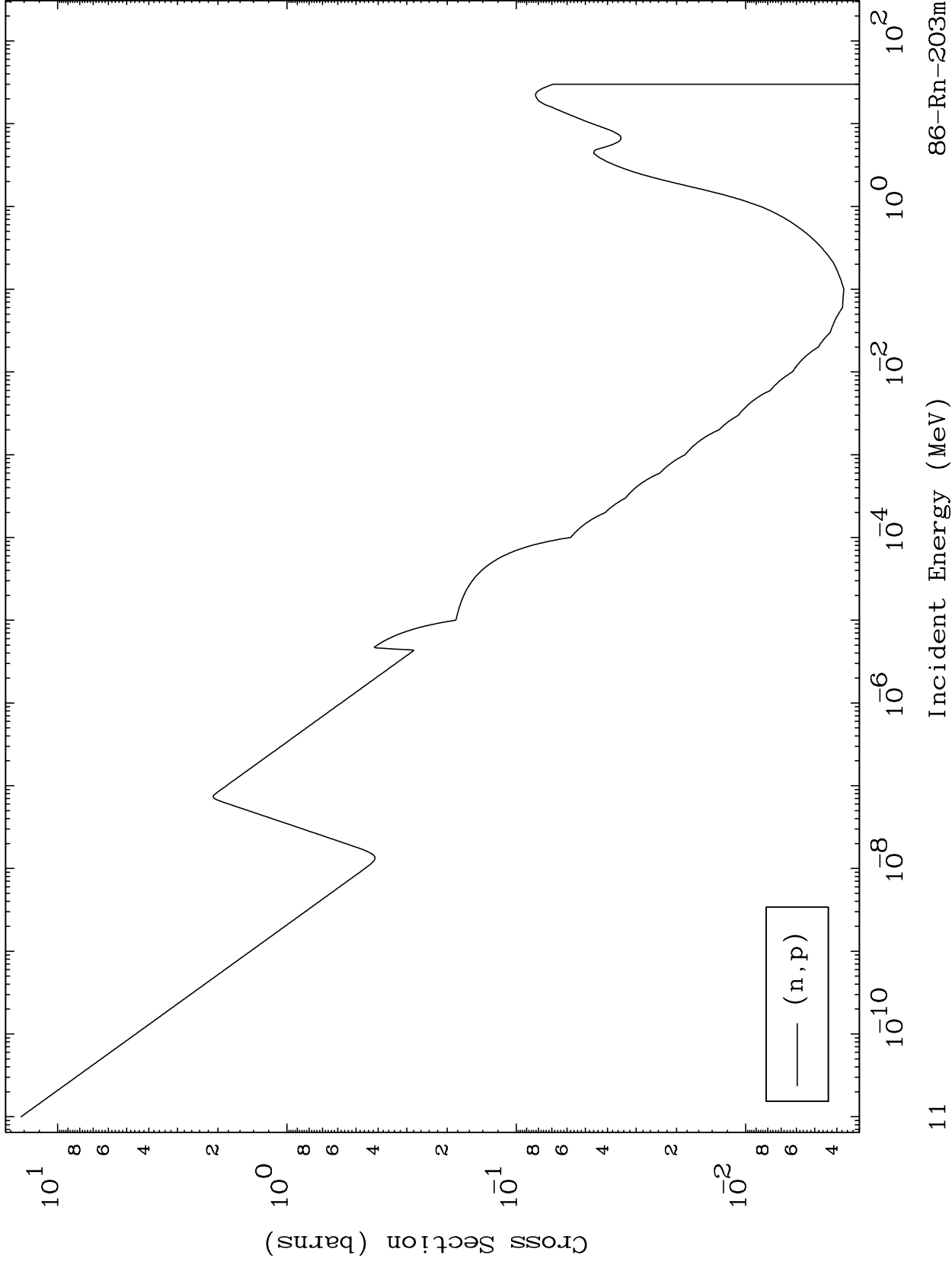
Incident Energy (MeV)

86-Rn-203m

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(n,p) Levels
293 Kelvin Cross Sections

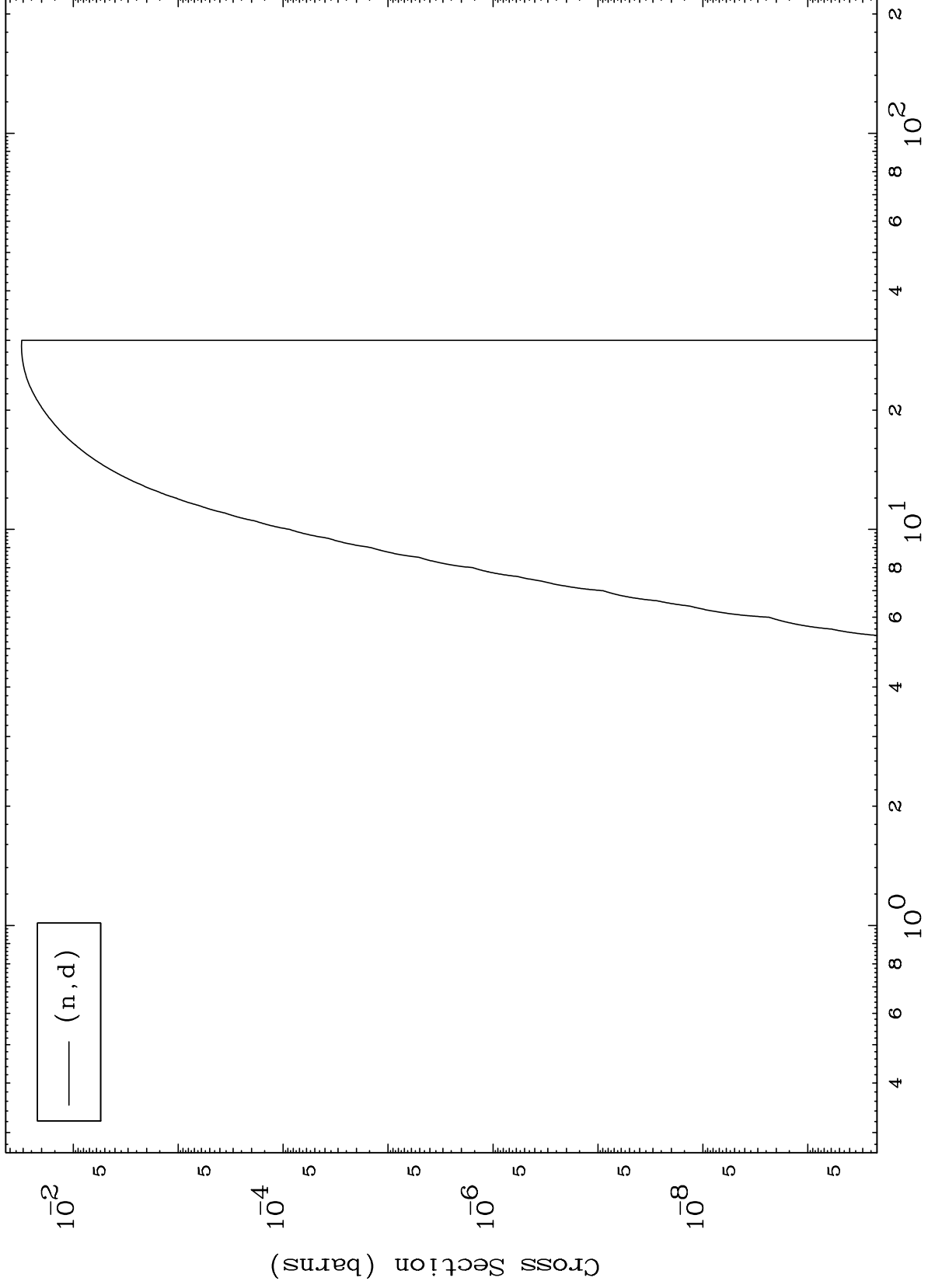
86-Rn-203m



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(n,d) Levels
293 Kelvin Cross Sections

86-Rn-203m



12

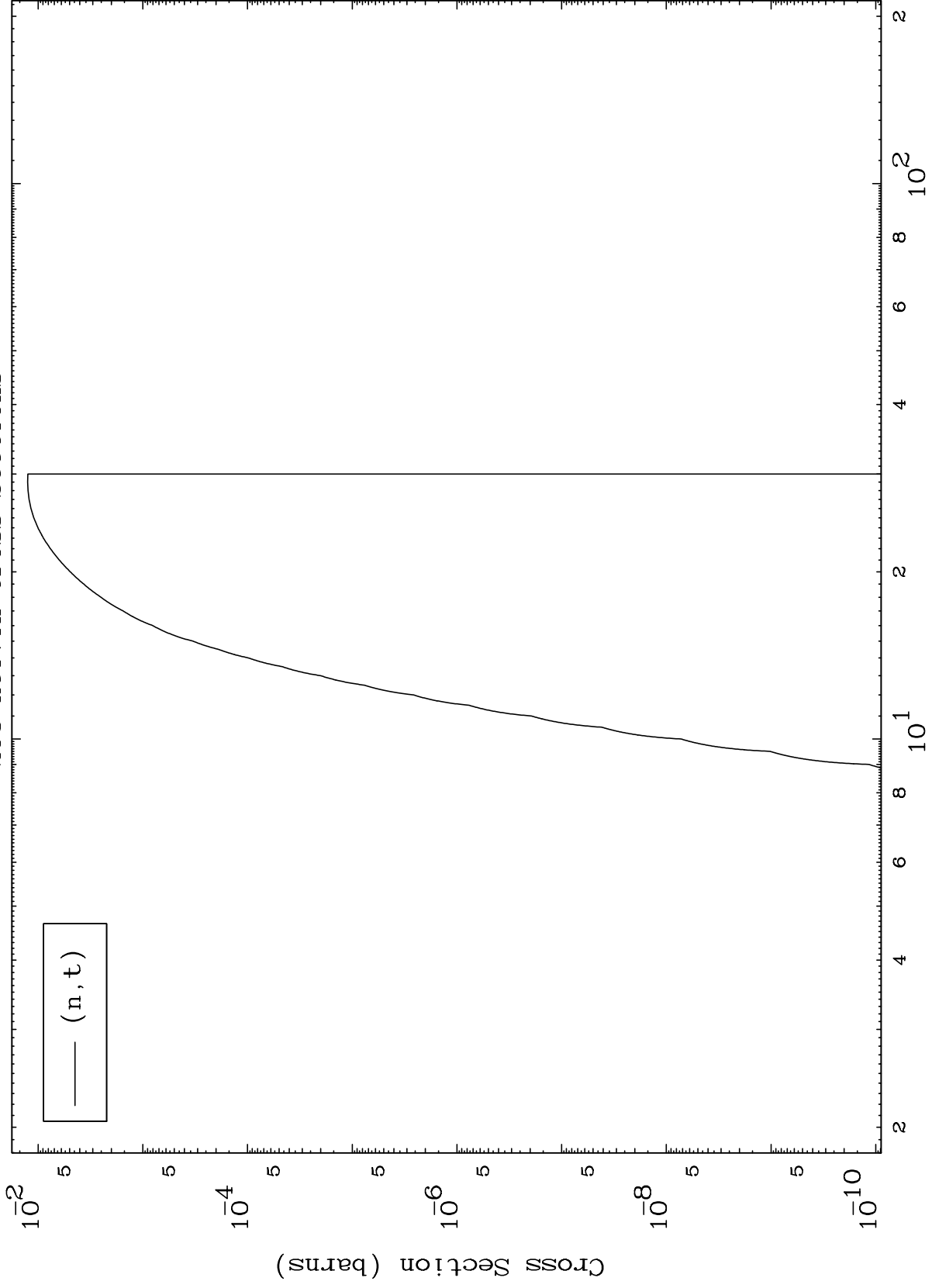
Incident Energy (MeV)

86-Rn-203m

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(n,t) Levels
293 Kelvin Cross Sections

86-Rn-203m



13

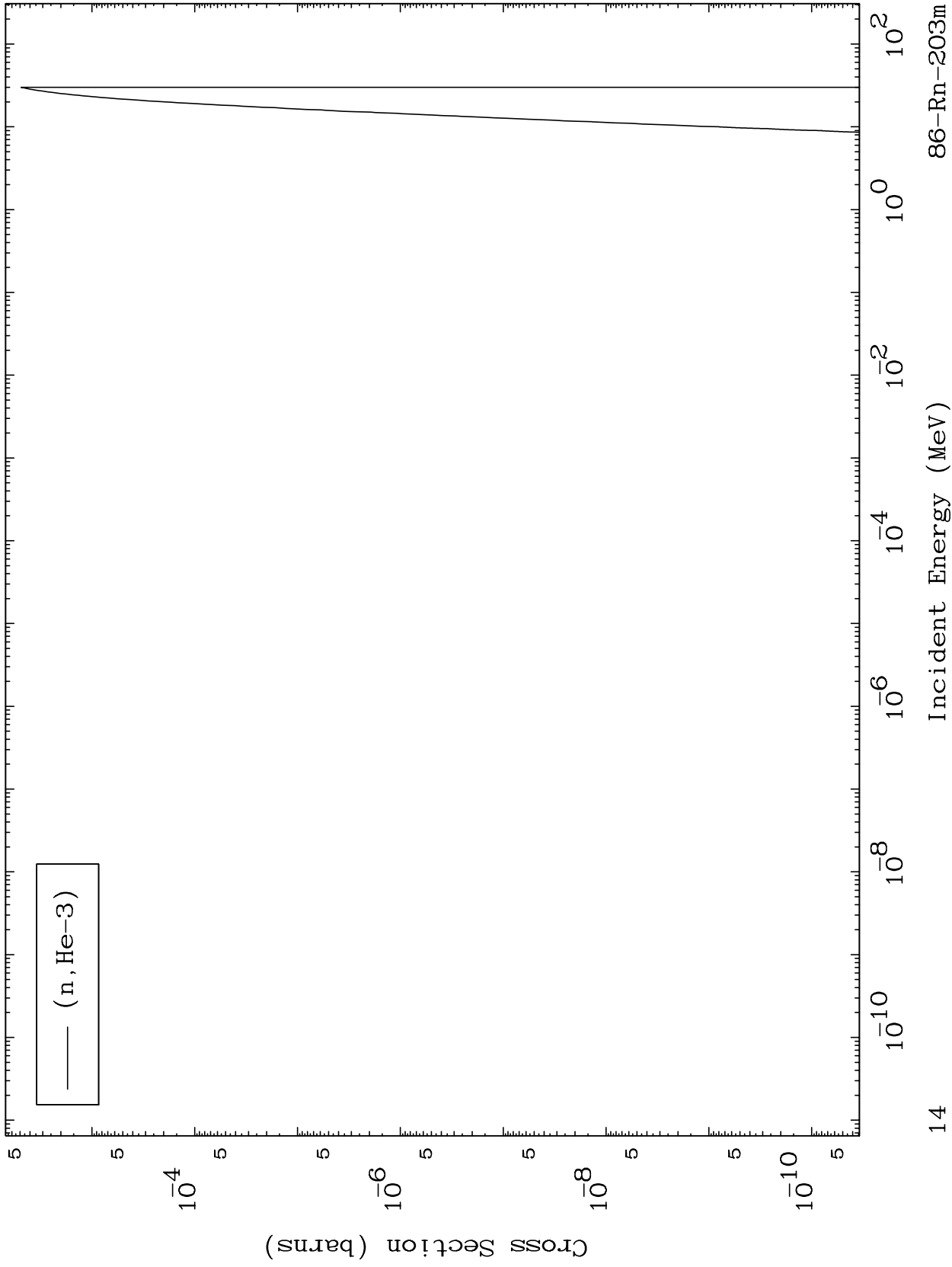
Incident Energy (MeV)

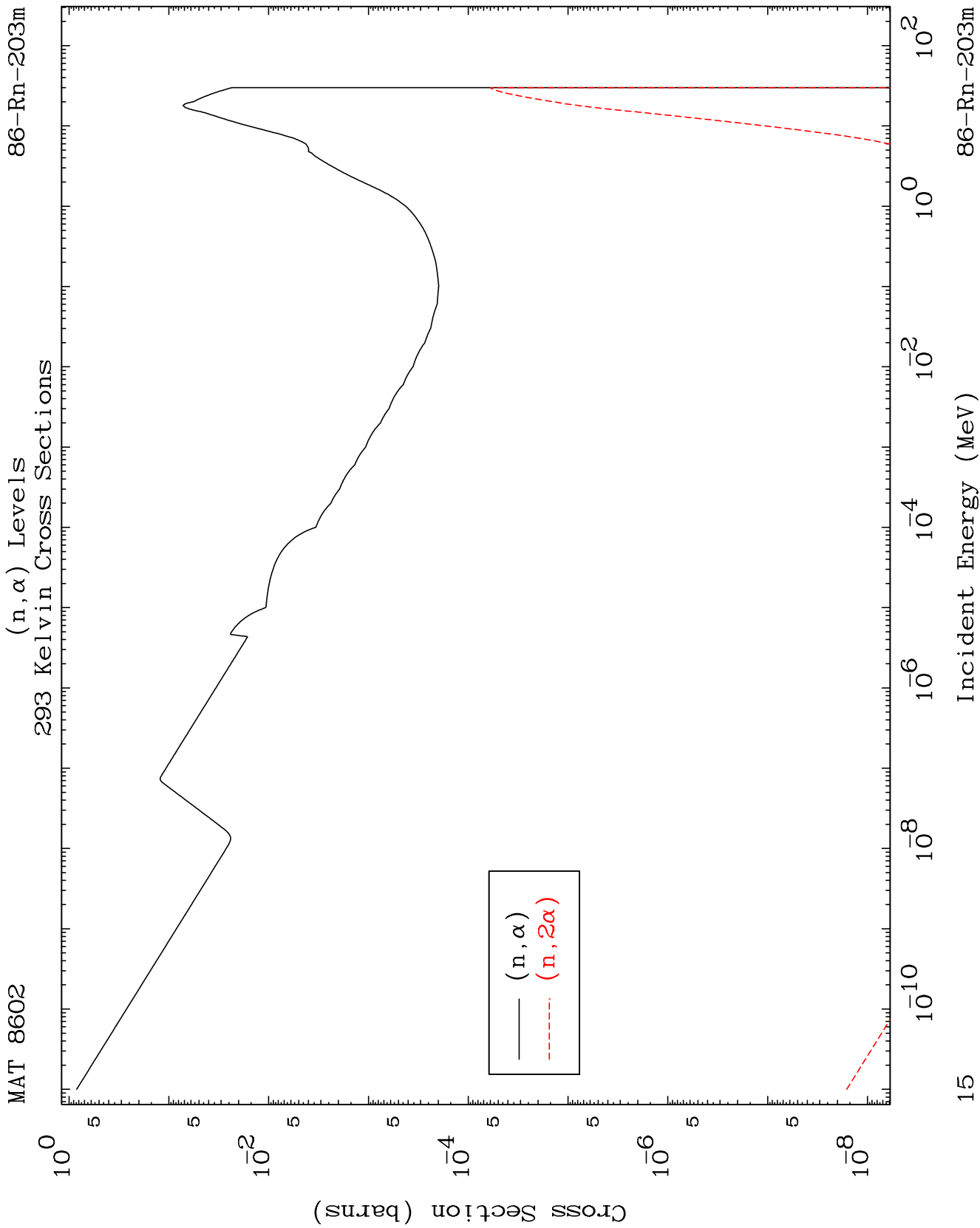
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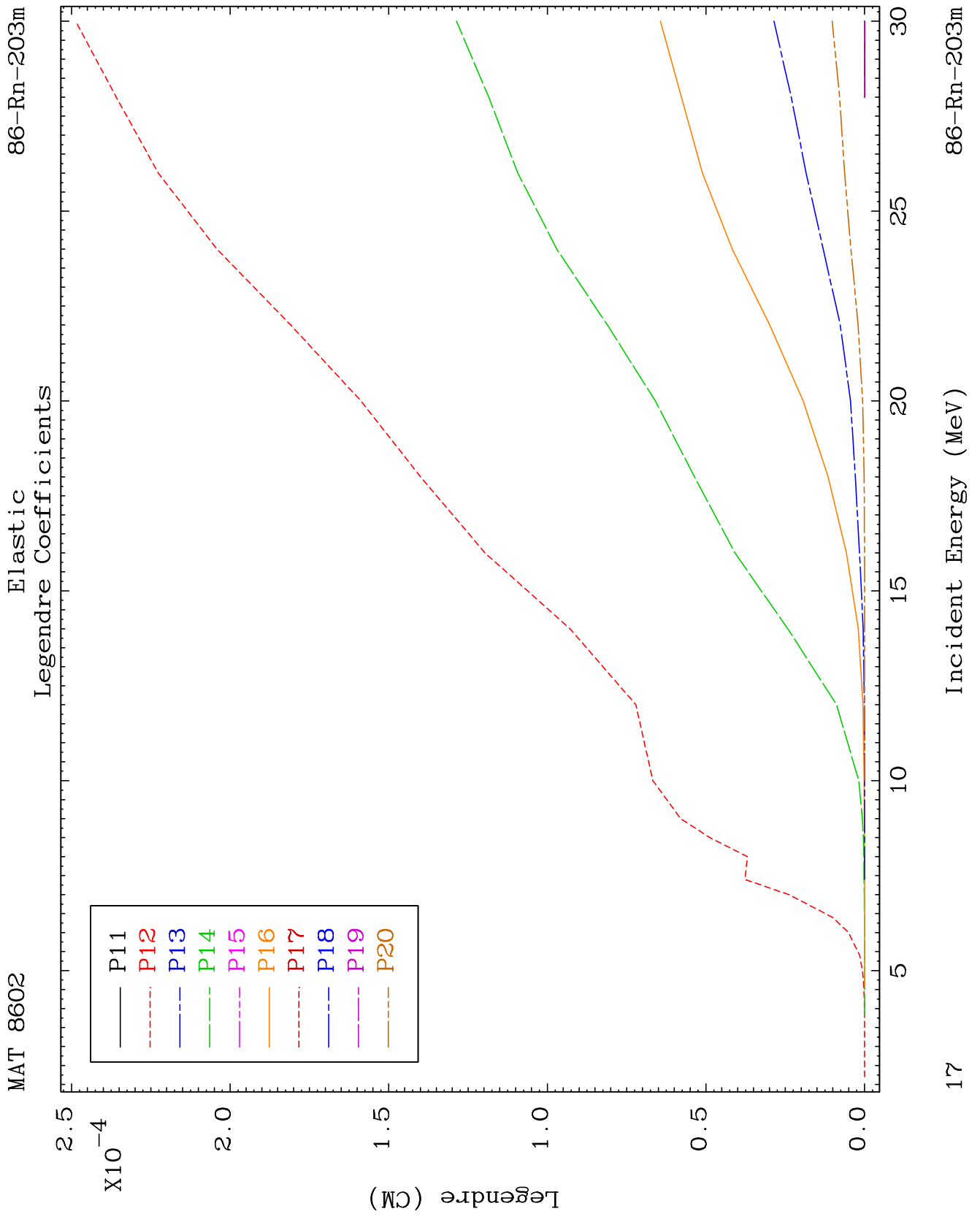
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(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-203m



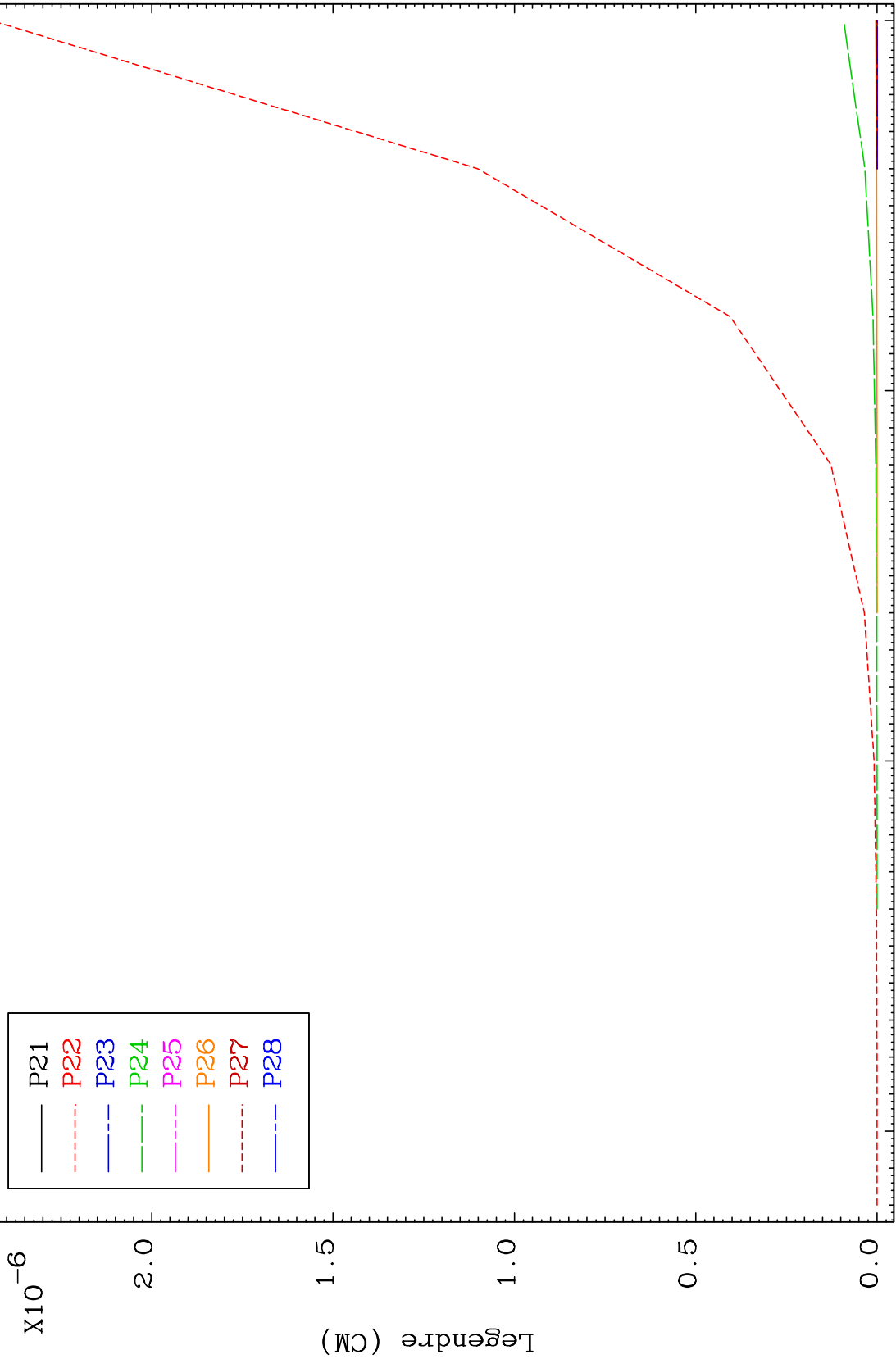
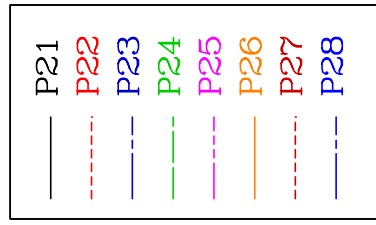




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Elastic Legendre Coefficients

86-Rn-203m



18

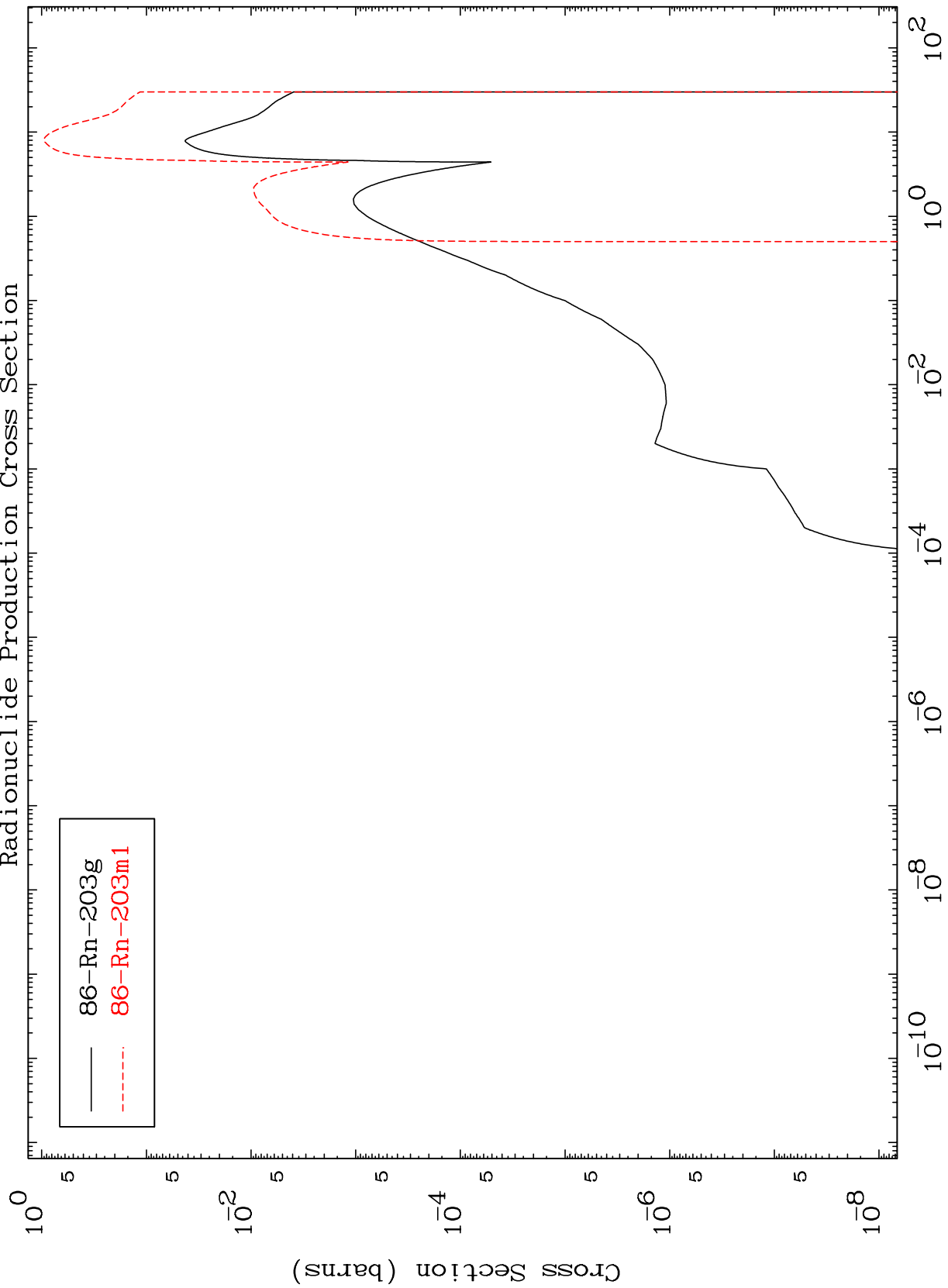
Incident Energy (MeV)

86-Rn-203m

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Inelastic
Radionuclide Production Cross Section

86-Rn-203m



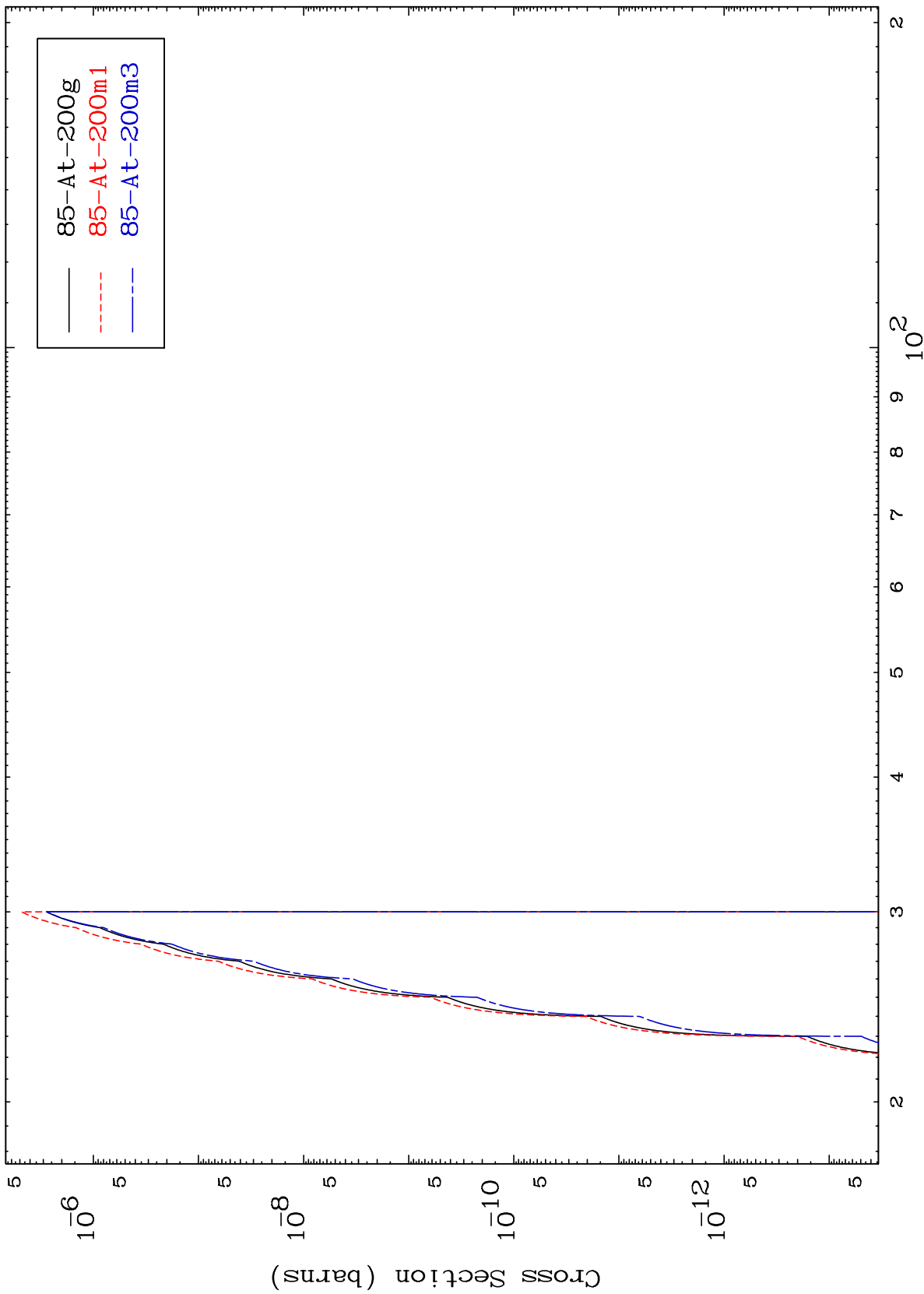
86-Rn-203m

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(n,2n) d

86-Rn-203m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

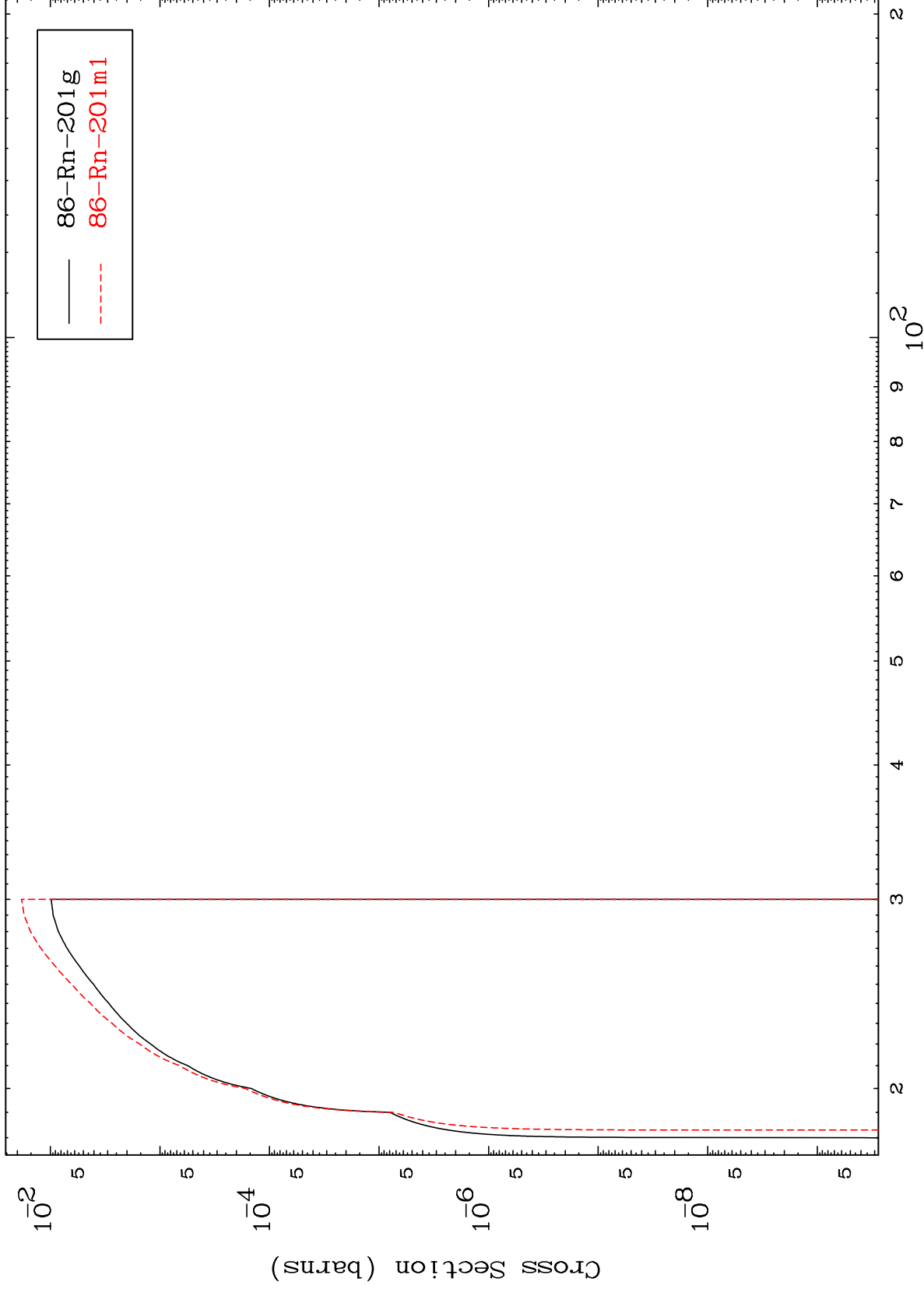
86-Rn-203m

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(n,3n)

86-Rn-203m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

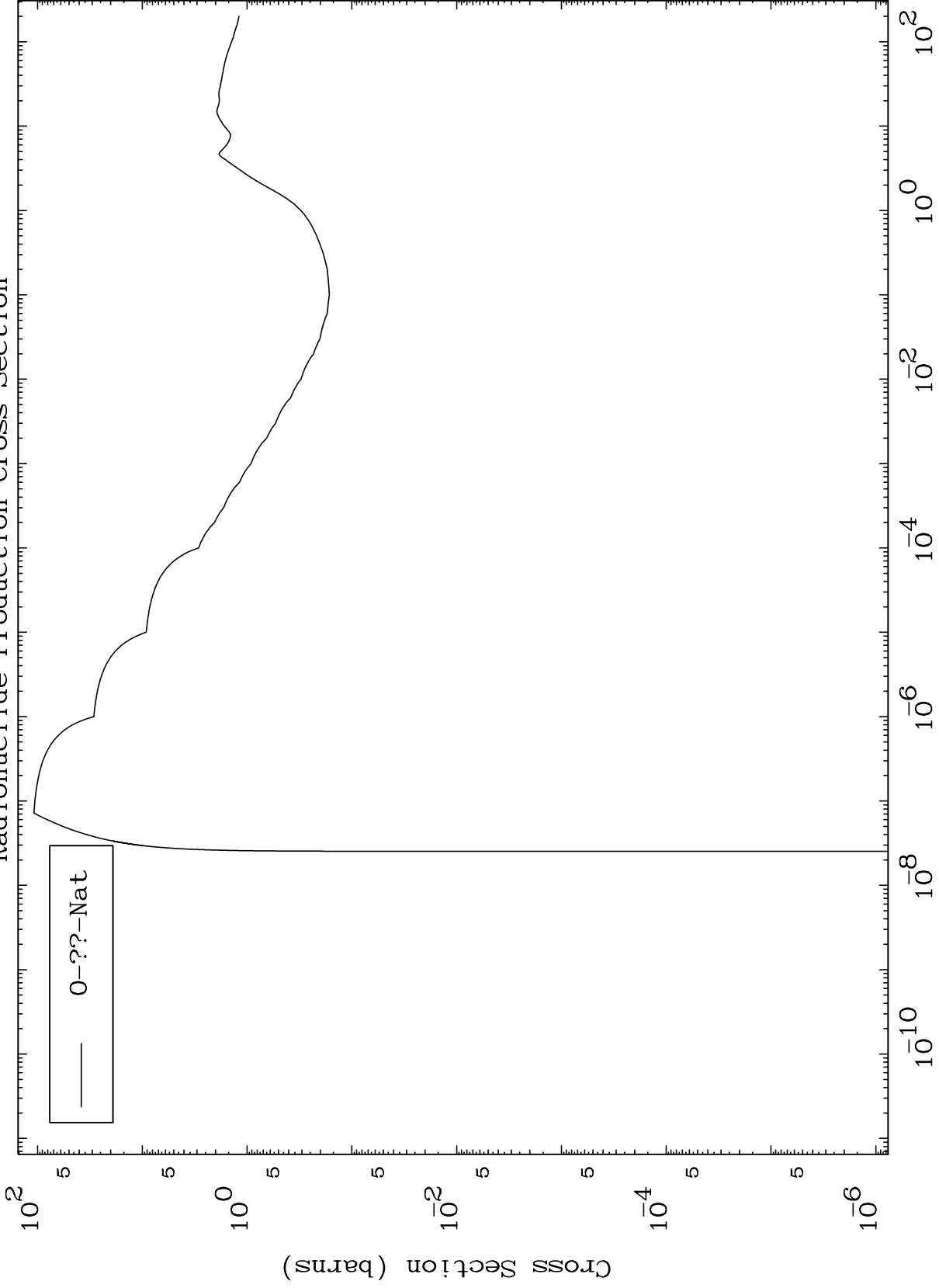
86-Rn-203m

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Fission

86-Rn-203m

Radionuclide Production Cross Section



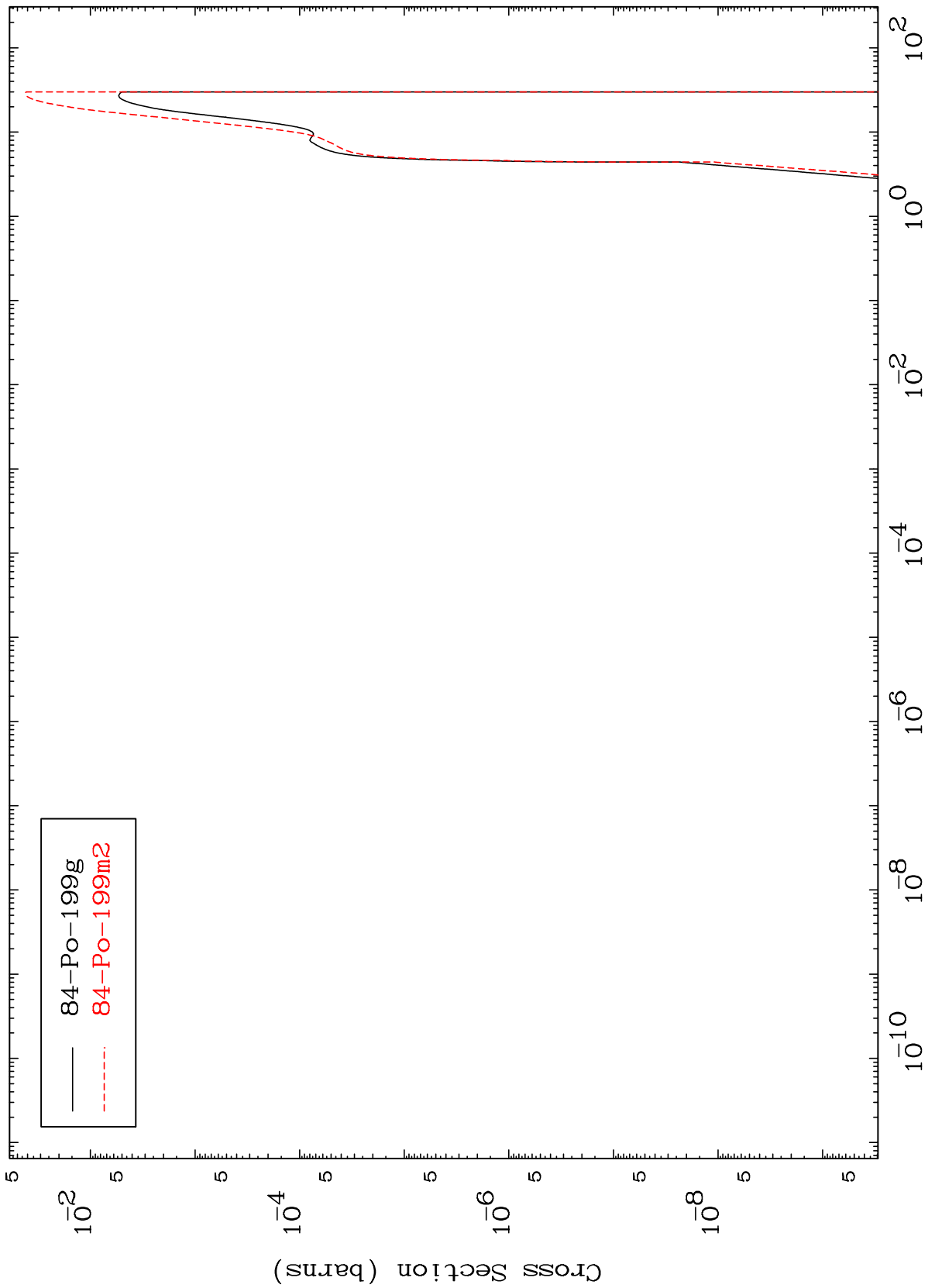
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$(n, n') \alpha$

86-Rn-203m

Radionuclide Production Cross Section

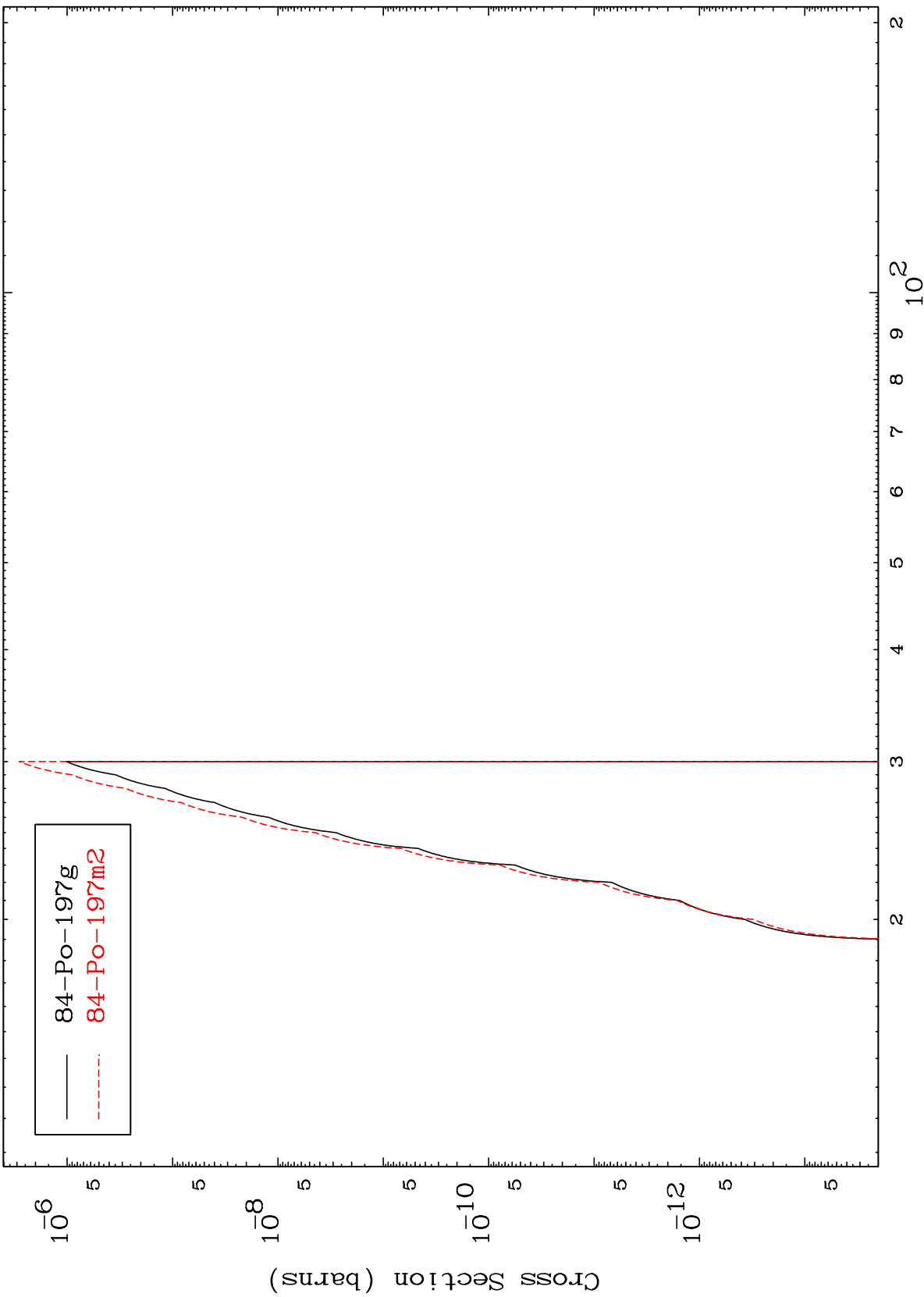


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(n,3n) α

86-Rn-203m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

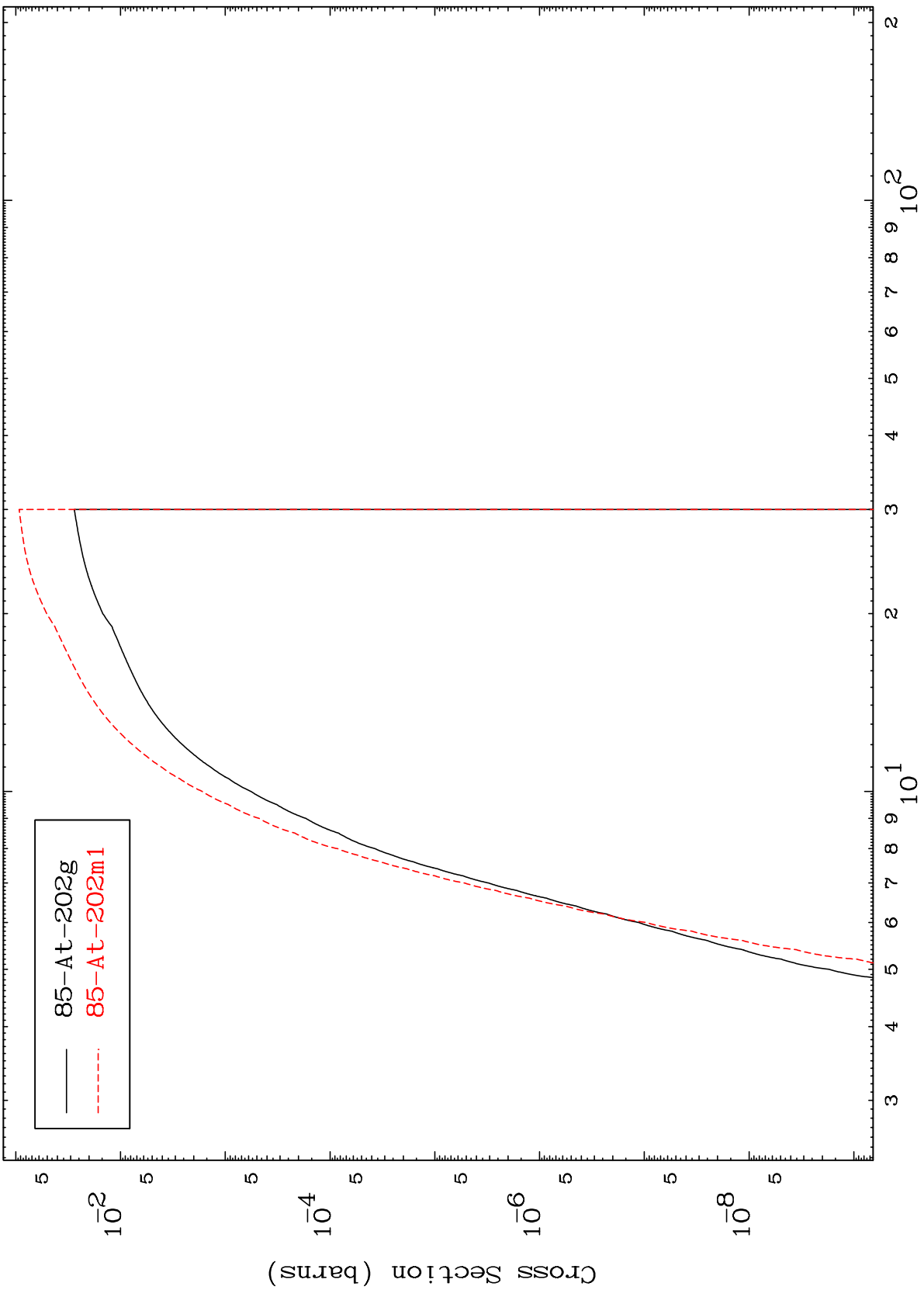
86-Rn-203m

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(n,n') p

86-Rn-203m

Radionuclide Production Cross Section



85-At-202g
85-At-202m1

Incident Energy (MeV)

86-Rn-203m

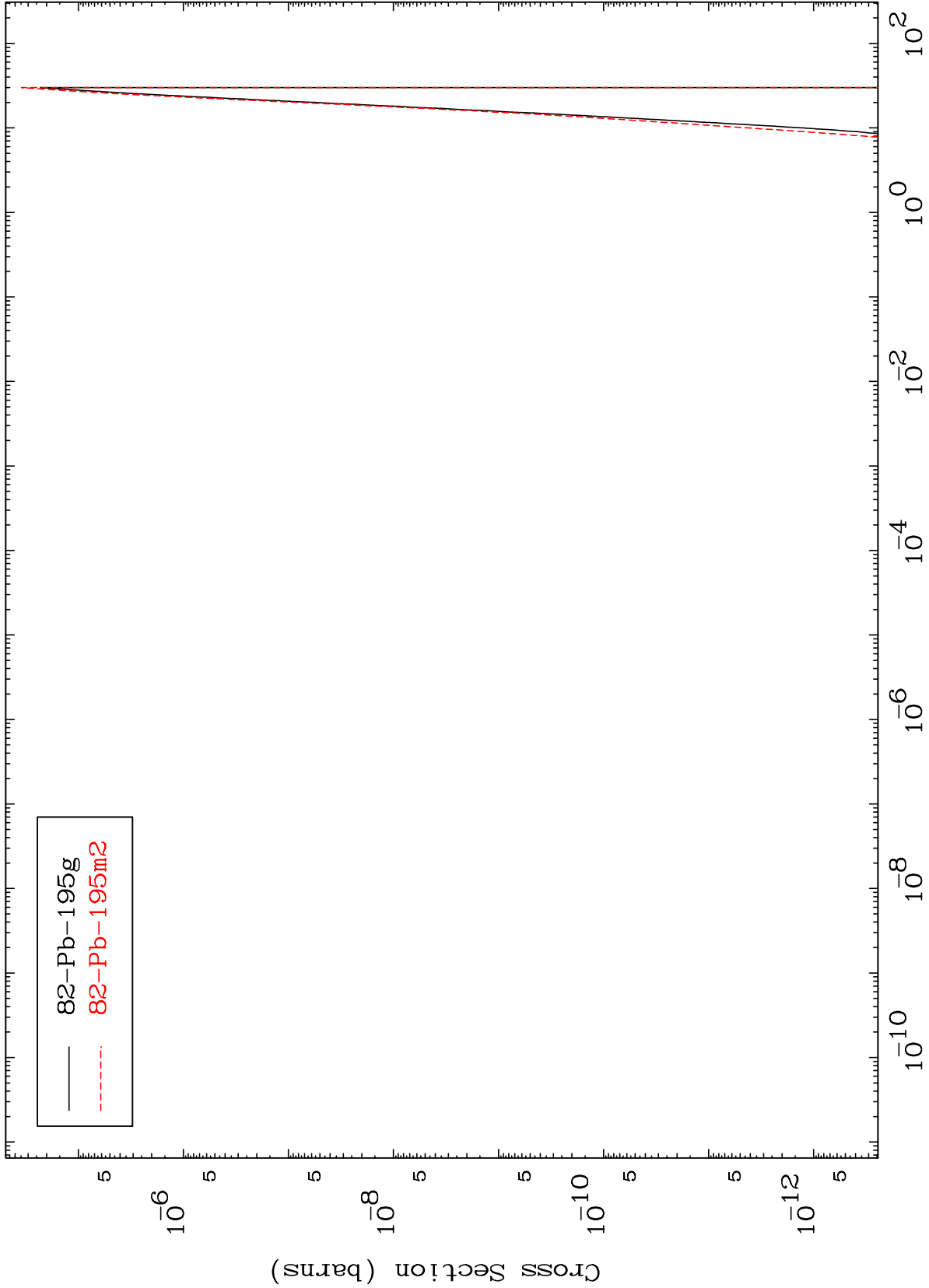
25

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(n,n') 2 α

86-Rn-203m

Radionuclide Production Cross Section

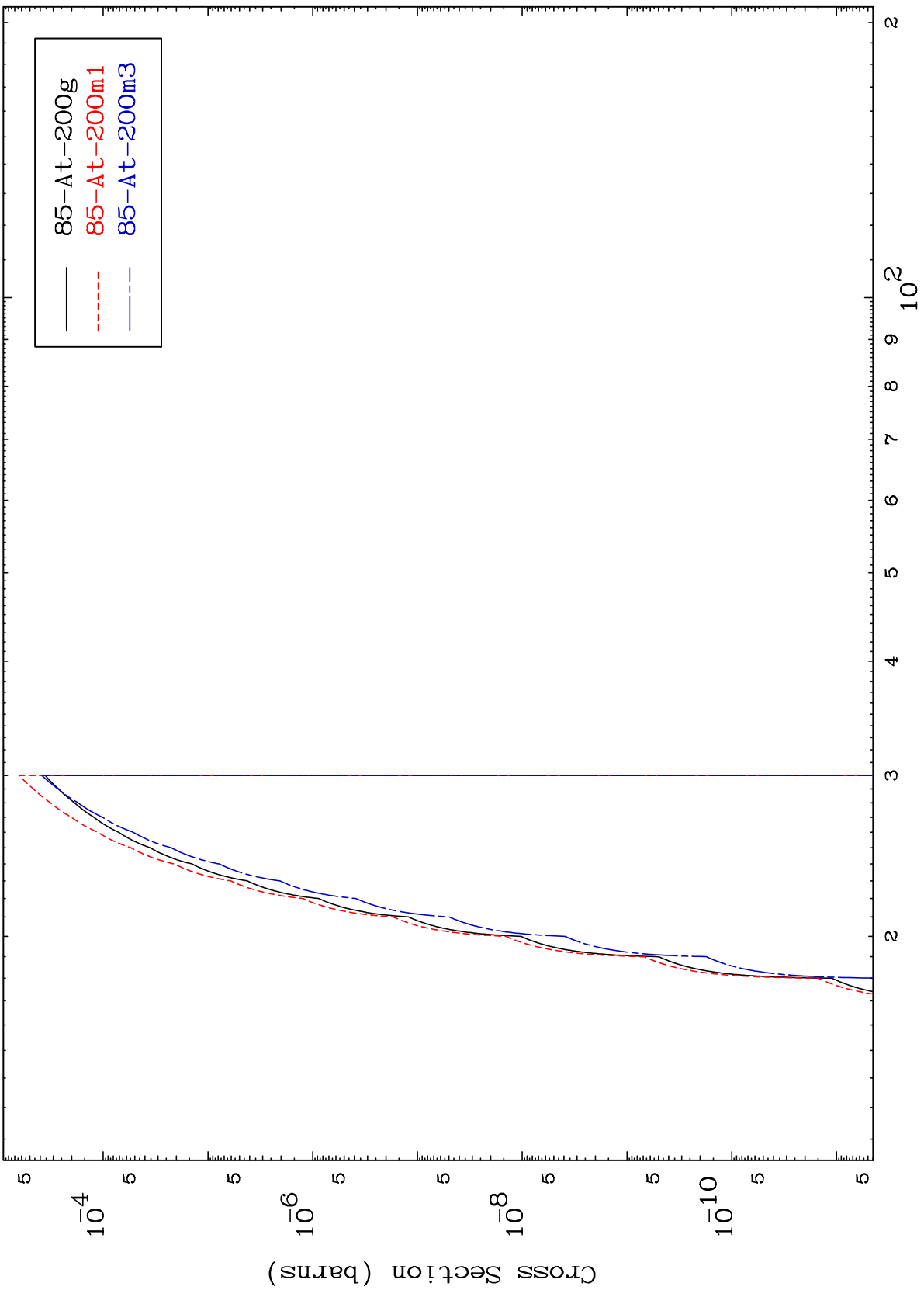


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(n,n') t

86-Rn-203m

Radionuclide Production Cross Section

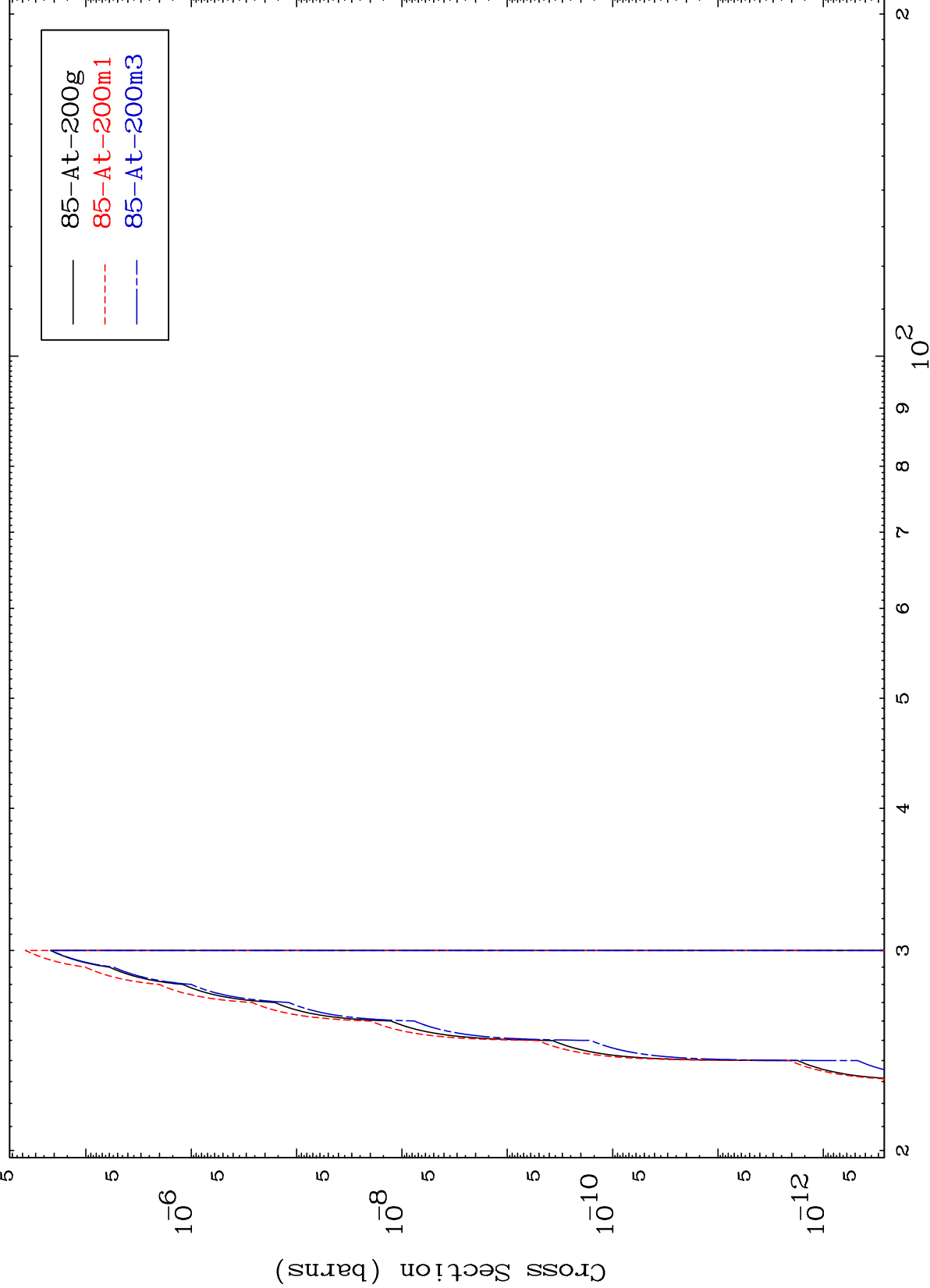


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(n,3n) p

86-Rn-203m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

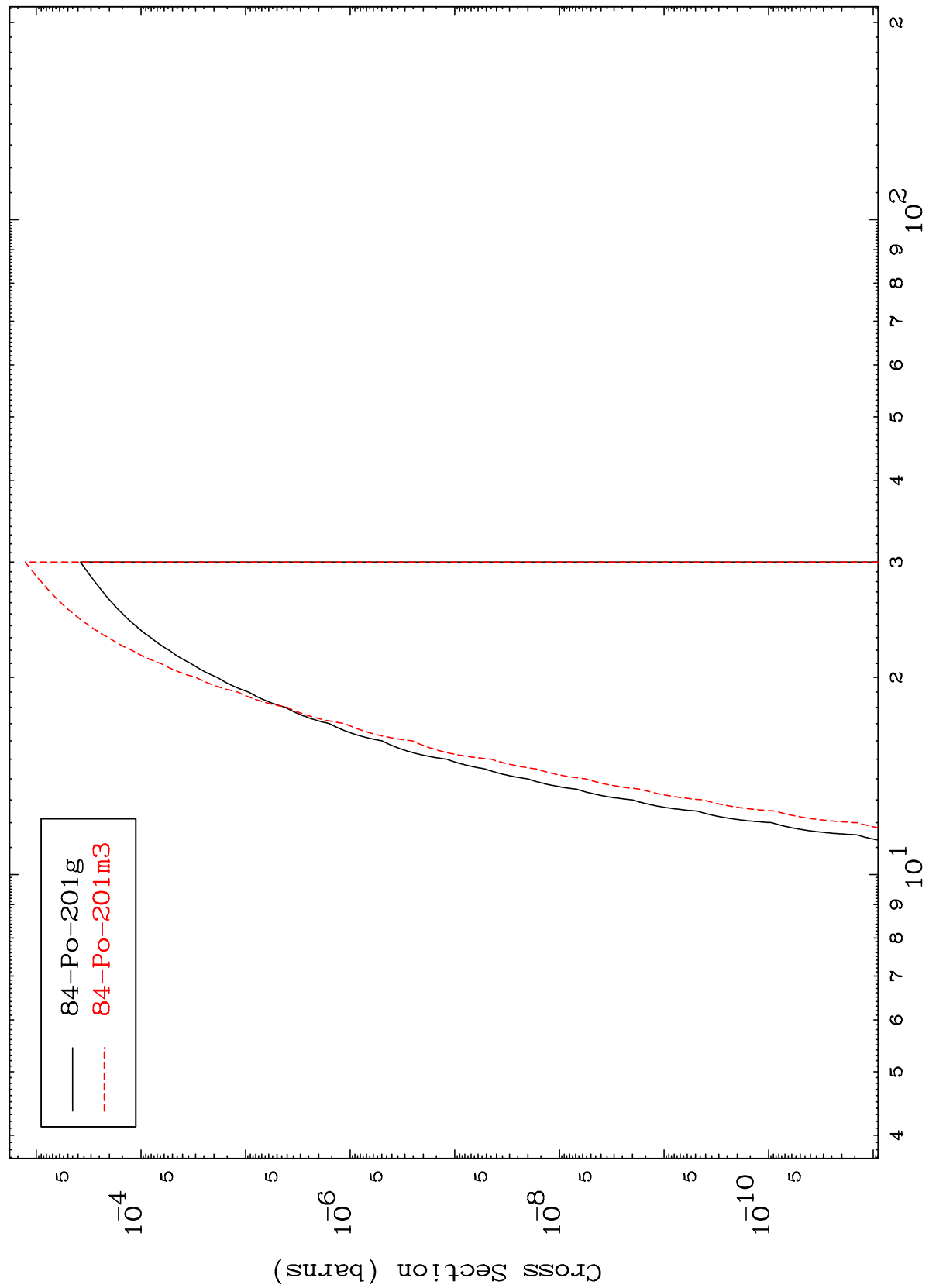
86-Rn-203m

MAT 8602

(n,2n) p

86-Rn-203m

Radionuclide Production Cross Section

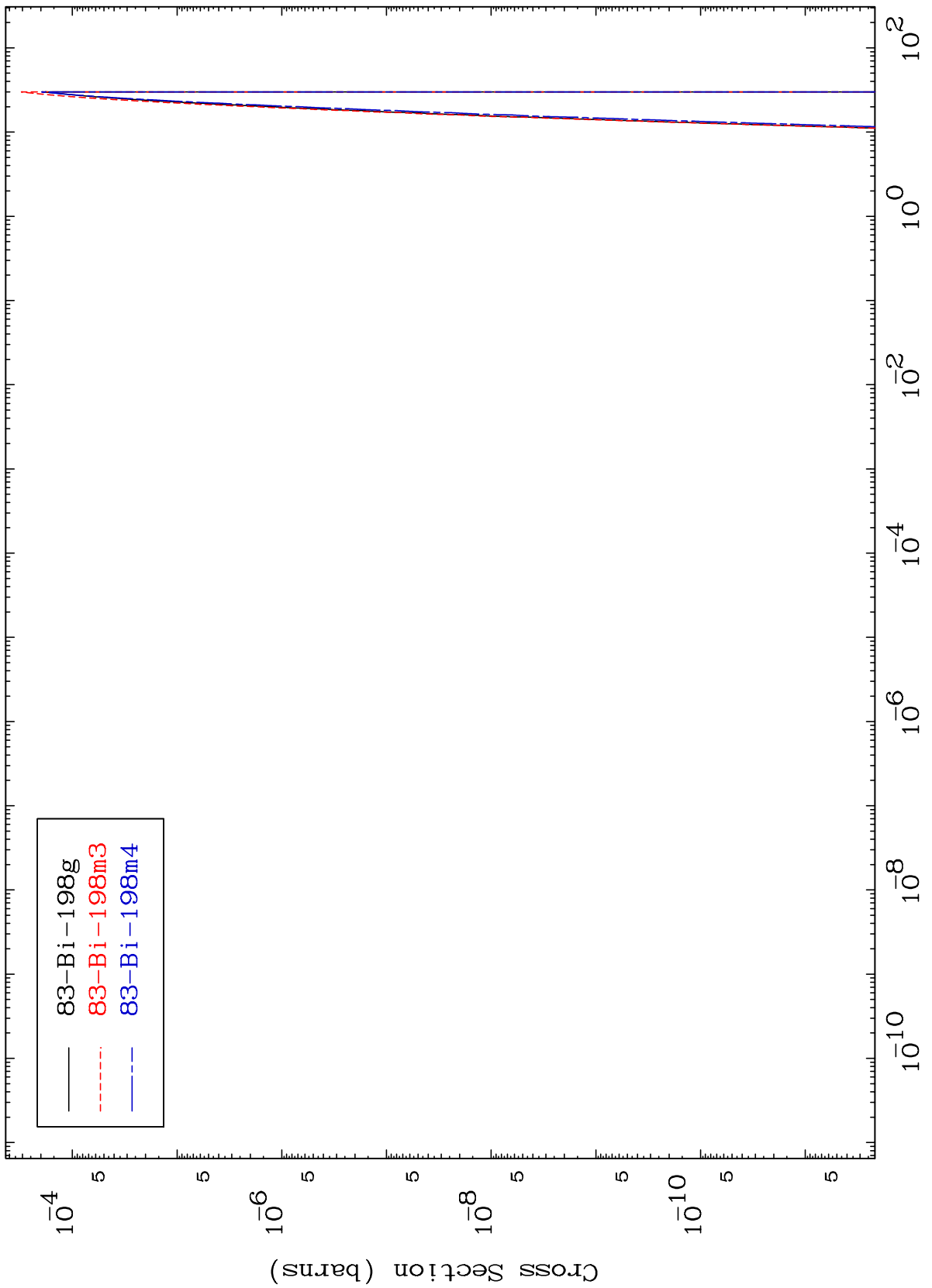


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(n,n') p α

86-Rn-203m

Radionuclide Production Cross Section

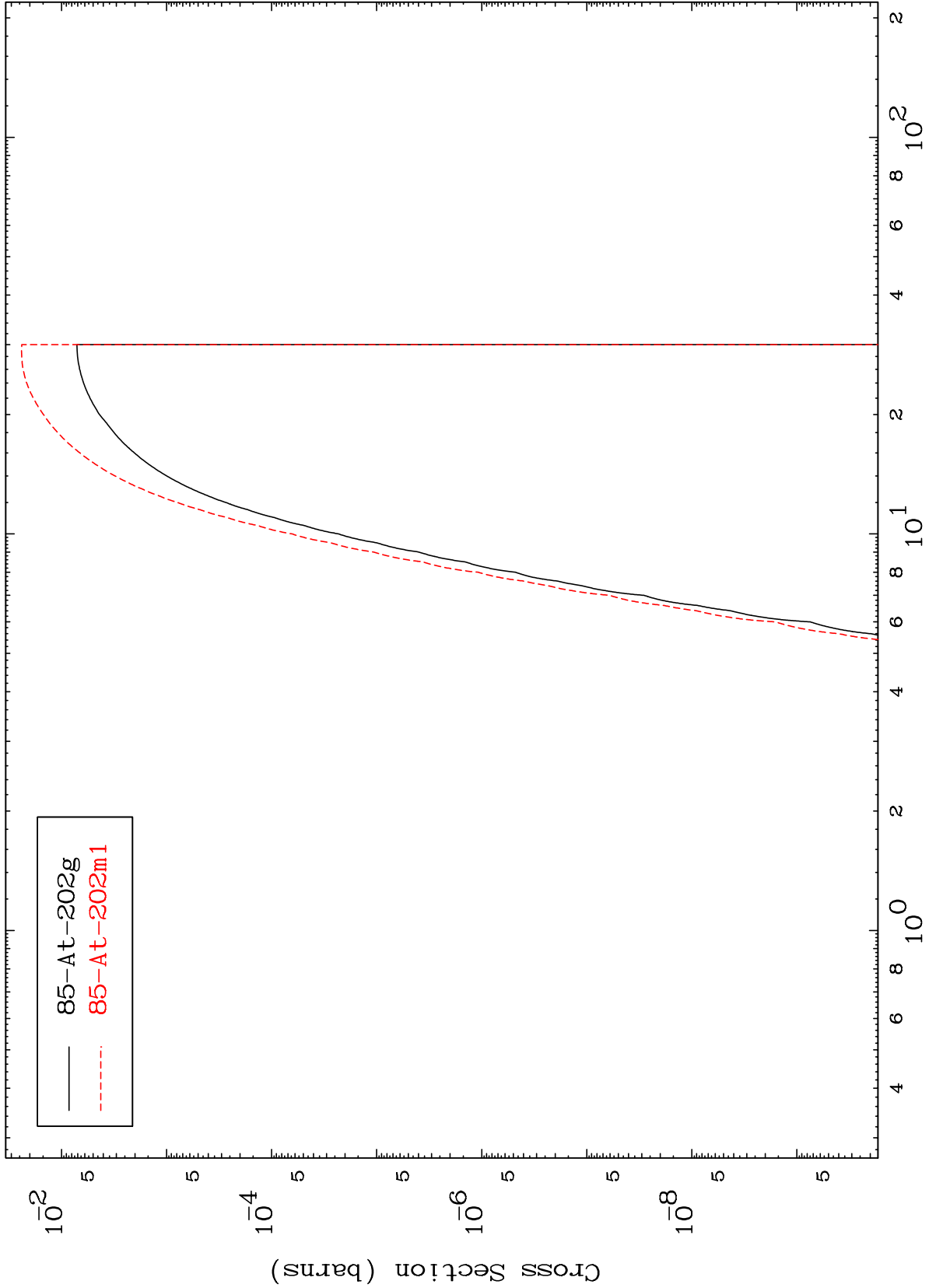


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(n,d)

⁸⁶Rn-²⁰³m

Radionuclide Production Cross Section



85-At-202g
85-At-202m1

Incident Energy (MeV)

⁸⁶Rn-²⁰³m

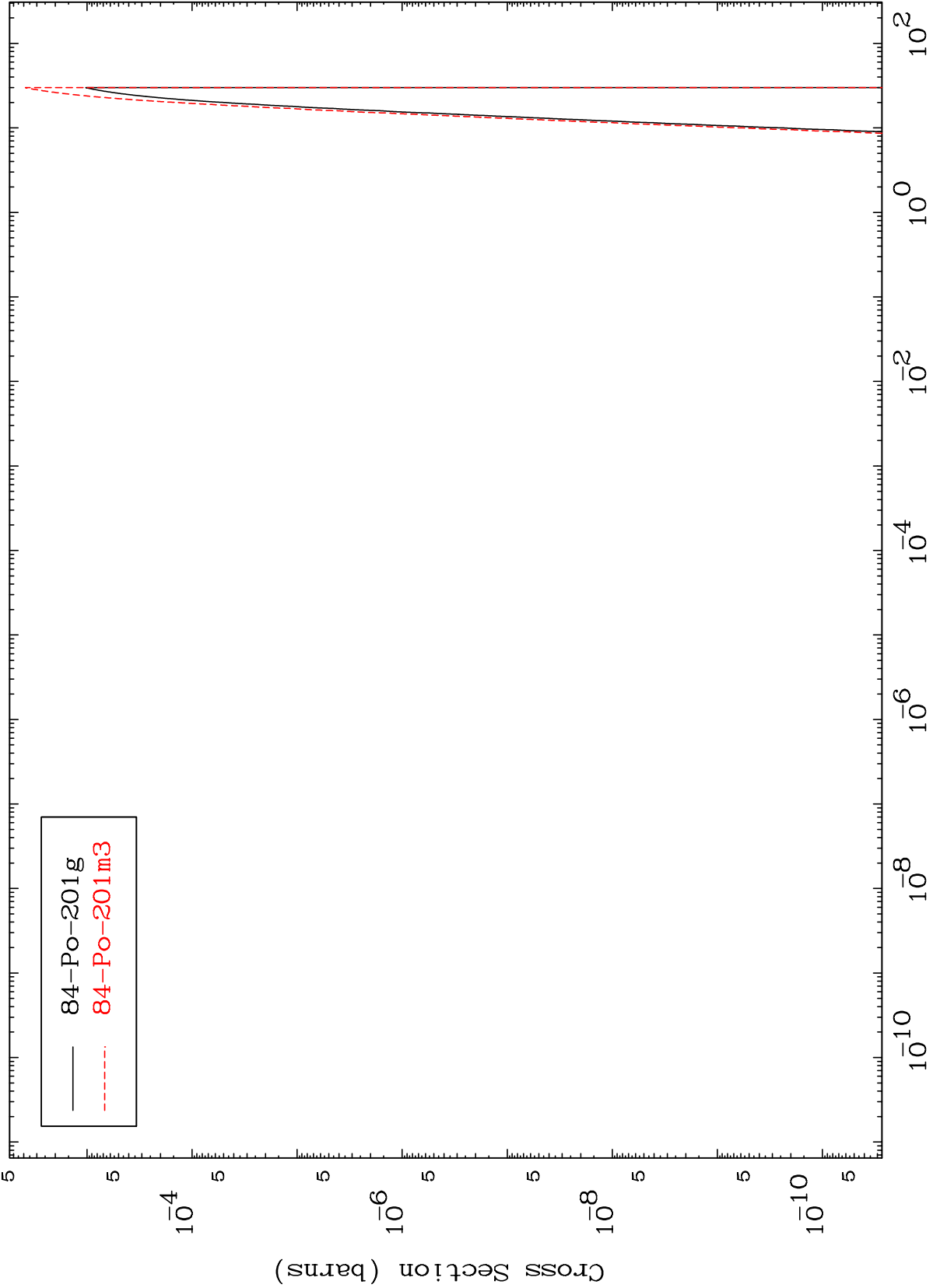
31

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(n,He-3)

86-Rn-203m

Radionuclide Production Cross Section



84-Po-201g
84-Po-201m3

Incident Energy (MeV)

86-Rn-203m

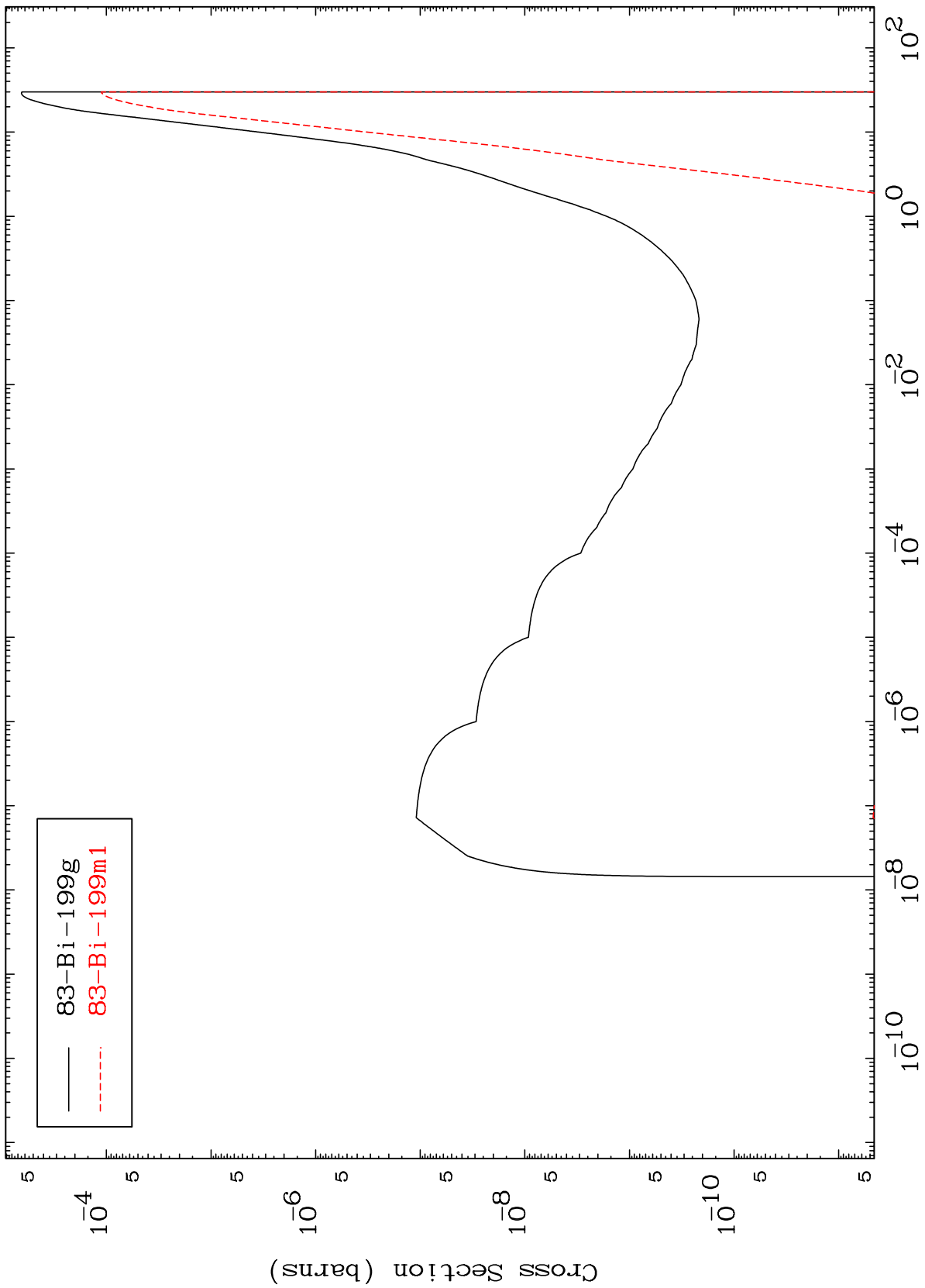
32

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(n,p) α

86-Rn-203m

Radionuclide Production Cross Section



— 83-Bi-199g
- - - 83-Bi-199m1

Incident Energy (MeV)

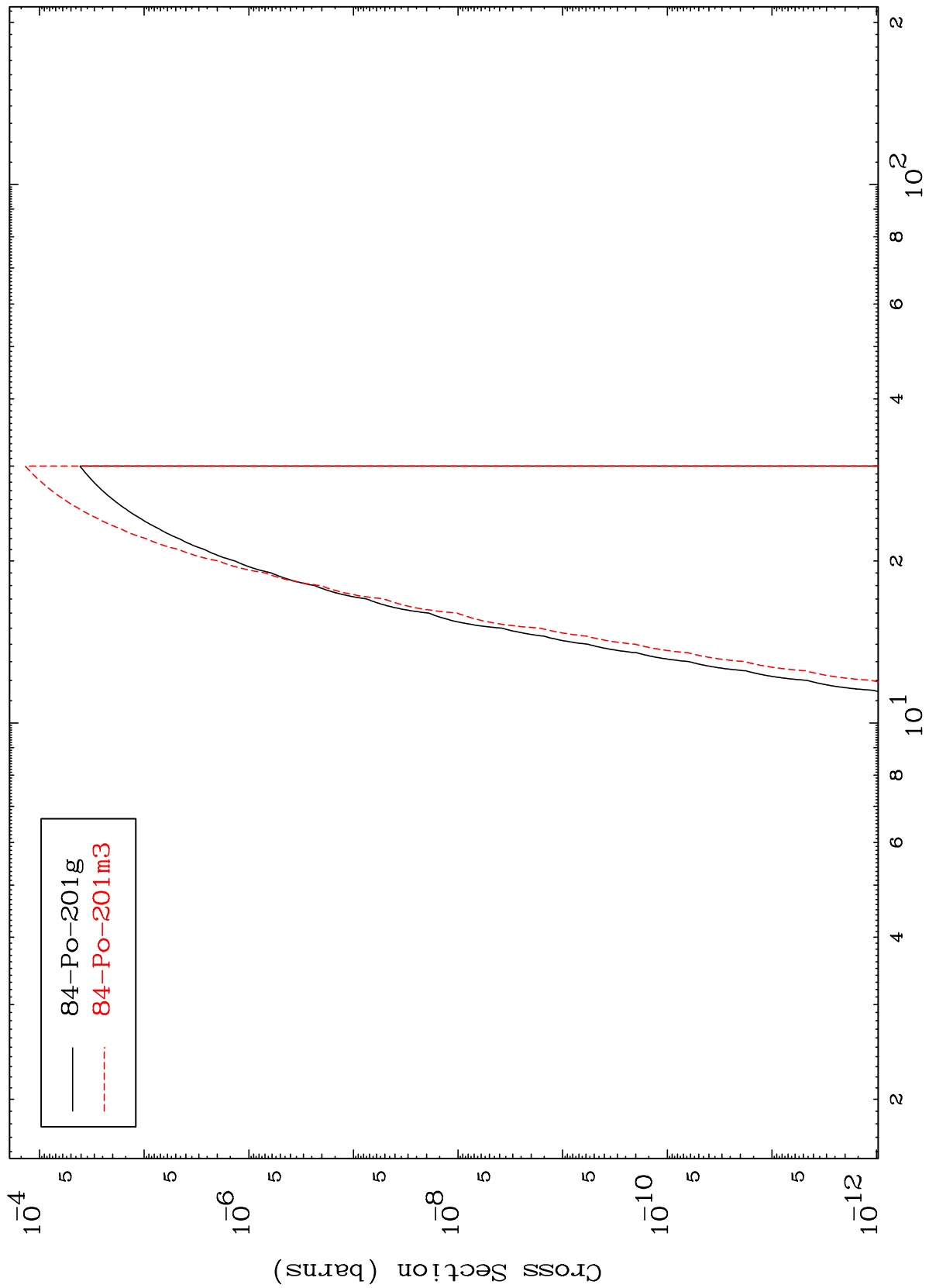
86-Rn-203m

MAT 8602

(n,p) d

86-Rn-203m

Radionuclide Production Cross Section



84-Po-201g
84-Po-201m3

MAT 8602

(n,d) α

86-Rn-203m

Radionuclide Production Cross Section

